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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,925,144 (Published March 7, 2017)

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,925,144 (Publié le 7 mars 2017)

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**S269**
6. Preliminary examination fee (Rule 58)	**S800**

* International fees will be reduced by:

- **S269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **S404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 S**
6. Taxe d'examen préliminaire (Règle 58)	**800 S**

* Les frais seront réduits de:

- **269 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 28, 2017 contains applications open to public inspection from March 12, 2017 to March 18, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 28 mars 2017 contient les demandes disponibles au public pour consultation pour la période du 12 mars 2017 au 18 mars 2017.

Canadian Patents Issued

March 28, 2017

Brevets canadiens délivrés

28 mars 2017

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[11] **2,298,769**
[13] C
[51] **Int.Cl. G06F 19/28 (2011.01) G01N 37/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR ELECTRONICALLY MANAGING, FINDING, AND/OR DISPLAYING BIOMOLECULAR INTERACTIONS**
[54] **SYSTEME ELECTRONIQUE DE GESTION, DE RECHERCHE ET/OU D'AFFICHAGE D'INTERACTIONS MOLECULAIRES**
[72] HOGUE, CHRISTOPHER, CA
[72] BADER, GARY, CA
[73] CAMELOT UK BIDCO LIMITED, GB
[86] (2298769)
[87] (2298769)
[22] 2000-02-11
[30] US (60/119,850) 1999-02-12

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[11] **2,400,710**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **STARCH BRANCHING ENZYME**
[54] **ENZYME RAMIFIANTE DE L'AMIDON**
[72] MORELL, MATTHEW, AU
[72] RAHMAN, SADEQUR, AU
[72] REGINA, AHMED, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[73] LIMAGRAIN CEREALES INGREDIENTS SA, FR
[85] 2002-08-20
[86] 2001-02-21 (PCT/AU2001/000175)
[87] (WO2001/062934)
[30] AU (PQ 5742) 2000-02-21

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[11] **2,482,182**
[13] C
[51] **Int.Cl. G06F 21/10 (2013.01)**
[25] EN
[54] **PROGRAMMING INTERFACE FOR LICENSING**
[54] **INTERFACE DE PROGRAMMATION POUR LA DELIVRANCE DE LICENCES**
[72] GUNYAKTI, CAGLAR, US
[72] ZHANG, NING, US
[72] HSU, WEN-PIN SCOTT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[86] (2482182)
[87] (2482182)
[22] 2004-09-20
[30] US (10/692,868) 2003-10-24

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[11] **2,522,673**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/24 (2006.01)**
[25] EN
[54] **USING A WORD PROCESSOR WITH ACCOUNTING DATA**
[54] **UTILISATION D'UN LOGICIEL DE TRAITEMENT DE TEXTE AVEC DES DONNEES COMPTABLES**
[72] HARGARTEN, CHRISTOPHER S., US
[72] OZOUX-DEAN, MONIQUE H., US
[72] SUN, NING, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[86] (2522673)
[87] (2522673)
[22] 2005-10-07
[30] US (10/985580) 2004-11-10

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[11] **2,555,656**
[13] C
[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **NEW PROLIFERATION MARKERS IN CLINICAL PRACTICE AND THEIR USE FOR CANCER PROGNOSIS OR DIAGNOSIS**
[54] **NOUVEAUX MARQUEURS DE PROLIFERATION EN PRATIQUE CLINIQUE ET LEUR UTILISATION POUR LE PRONOSTIC OU DIAGNOSTIC DU CANCER**
[72] ALMOUZNI, GENEVIEVE, FR
[72] POLO, SOPHIE E., FR
[72] THEOCHARIS, STAMATIOS E., GR
[72] VIELH, PHILIPPE, FR
[73] INSTITUT CURIE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS VI), FR
[85] 2006-08-09
[86] 2005-02-28 (PCT/EP2005/002578)
[87] (WO2005/085860)
[30] US (60/548,111) 2004-02-27

[11] **2,556,773**
[13] C
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 88/02 (2009.01) H04M 3/50 (2006.01)**
[25] EN
[54] **CALL INTERCEPT METHODS, SUCH AS FOR CUSTOMER SELF-SUPPORT ON A MOBILE DEVICE**
[54] **PROCEDES D'INTERCEPTION D'APPELS, PAR EXEMPLE, POUR UN SERVICE AUTONOME DE CLIENT SUR UN DISPOSITIF MOBILE**
[72] ROUNDTREE, BRIAN, US
[72] RUSH, KELDON, US
[72] ALLAN, KEVIN, US
[72] BEINIKIS, LINDA, US
[73] NUANCE COMMUNICATIONS, INC., US
[85] 2006-08-16
[86] 2005-02-18 (PCT/US2005/005135)
[87] (WO2005/081852)
[30] US (60/546,687) 2004-02-20
[30] US (60/590,152) 2004-07-21
[30] US (60/611,607) 2004-09-21
[30] US (60/652,144) 2005-02-11

[11] **2,578,146**
[13] C
[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **IMPROVED APO E ANALOGS AND METHODS FOR THEIR USE**
[54] **ANALOGUES D'APO E AMELIORES ET LEURS METHODES D'UTILISATION**
[72] VITEK, MICHAEL P., US
[72] MCKENNA, SUZANNE E., US
[72] SELF, CHRISTOPHER R., US
[73] COGNOSCI, INC., US
[85] 2007-02-27
[86] 2005-09-02 (PCT/US2005/031431)
[87] (WO2006/029028)
[30] US (60/606,506) 2004-09-02
[30] US (60/606,507) 2004-09-02
[30] US (60/608,148) 2004-09-09

[11] **2,587,647**
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **DIAGNOSIS OF CONDITIONS ASSOCIATED WITH DECREASED ARGININE BIOAVAILABILITY**
[54] **DIAGNOSTIC D'ETATS ASSOCIES A UNE BIODISPONIBILITE REDUITE DE L'ARGININE**
[72] MORRIS, CLAUDIA R., US
[72] HAZEN, STANLEY L., US
[73] CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND, US
[73] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2007-05-15
[86] 2005-12-01 (PCT/US2005/043998)
[87] (WO2006/060793)
[30] US (60/632,572) 2004-12-01

[11] **2,588,647**
[13] C
[51] **Int.Cl. B05B 12/10 (2006.01)**
[25] EN
[54] **HEATED SPRAY PAINTING SYSTEM**
[54] **SYSTEME DE PEINTURE EN AEROSOL CHAUFFE**
[72] MILLI, OTTAVIO, IT
[73] EUROSIDER S.A.S. DI MILLI OTTAVIO & C., IT
[85] 2007-05-18
[86] 2005-11-24 (PCT/IB2005/003531)
[87] (WO2006/056864)
[30] IT (BO2004A000729) 2004-11-24

[11] **2,591,518**
[13] C
[51] **Int.Cl. E04B 1/32 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **MODULAR DOME-SHAPED PANEL TO FORM A SHELTER**
[54] **PANNEAU MODULAIRE EN FORME DE DOME PERMETTANT DE FORMER UN ABRI**
[72] CHRISTIAN, RONAI, CA
[73] CHRISTIAN, RONAI, CA
[86] (2591518)
[87] (2591518)
[22] 2007-05-02

[11] **2,592,435**
[13] C
[51] **Int.Cl. A61K 35/51 (2015.01) A61K 35/30 (2015.01) A61P 9/10 (2006.01)**
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[54] **TREATMENT OF STROKE AND OTHER ACUTE NEURAL DEGENERATIVE DISORDERS USING POSTPARTUM DERIVED CELLS**
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[72] KESPER, HEINRICH, DE
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[54] **COMPOSES D'OLIGONUCLEOTIDES DE REGULATION IMMUNE (IRO) PERMETTANT DE MODULER UNE REPONSE IMMUNE FONDEE SUR UN RECEPTEUR DE TYPE TOLL**
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[54] **ACTIVATION PARTHENOGENIQUE D'OOCYTES HUMAINS POUR LA PRODUCTION DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES**
[72] REVAZOVA, ELENA S., US
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[72] MOLGO, JORDI, FR
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[72] HEATH, EMILY, DE
[72] SEUNT JENS, JAN, CA
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[54] **SYSTEME ET METHODE DE PRESTATION SELECTIVE DE SERVICES DE TELECOMMUNICATIONS ENTRE UN POINT D'ACCES ET UN RESEAU DE TELECOMMUNICATIONS, EN FONCTION DE LA DETECTION D'UN TELEPHONE FIXE**
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[54] **UTILISATION D'ACTINOMYCETALES POUR LE TRAITEMENT DU DIABETE DE TYPE II**
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[72] STANFORD, CYNTHIA, GB
[72] MCINTYRE, GRAHAM, GB
[72] BOTTASSO, OSCAR ADELMO, AR
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[54] **CATHETER POUR REFLUX REDUIT DANS L'APPLICATION TISSULAIRE CIBLEE D'UN AGENT THERAPEUTIQUE**
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[72] KEELEY, DANIEL, US
[72] SCHORN, GREG, US
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[54] **UTILISATION DE LA CHAINE ALPHA DE LA SPECTRINE CEREBRALE ET DE SES FRAGNEMENTS POUR LE DIAGNOSTIC DE TROUBLES CEREBRAUX**
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[72] GUIYEDI, VINCENT, FR
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[72] JACOBS, RANDY, US
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[54] **OUTILLAGE D'INSERTION D'UN DISPOSITIF DE CONTROLE D'ECOULEMENT POUR UNE CANALISATION DE FLUIDE, ET PROCEDE DE MISE EN OEUVRE**
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[72] DAYMARD, JEAN-FRANCOIS, FR
[73] GDF SUEZ, FR
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[54] **ENSEMBLE SOLENOIDE A IMPACT POUR UNE PRISE ELECTRIQUE**
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[73] HUBBELL INCORPORATED, US
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[54] **ENSEMBLE DE CONTENANT SUR ROULETTES**
[72] TWIG, NOAM, IL
[72] VILKOMIRSKI, GIL, IL
[73] THE STANLEY WORKS ISRAEL LTD., IL
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[54] **COMPLEXES TRICARBONYLES AVEC DES CHELATEURS TRIDENTATES POUR UNE IMAGERIE DU MYOCARDE**
[72] SANTOS, ISABEL DA GRACA REGO DOS, PT
[72] PAULO, ANTONIO MANUEL ROCHA, PT
[73] MALLINCKRODT NUCLEAR MEDICINE LLC, US
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[54] **DISPOSITIF PERMETTANT DE PERFORER LA PEAU D'UN PATIENT**
[72] SARNA, WOJCIECH, PL
[72] JANKOWSKI, ANDRZEJ, PL
[72] WYSZOGRODZKI, WOJCIECH, PL
[73] "HTL-STREFA" SPOLKA AKCYJNA, PL
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[54] **MATERIAUX ET PROCEDES POUR LA GENERATION DE TRANSCRITS COMPRENANT DES NUCLEOTIDES MODIFIES**
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[54] **ENSEMBLE INTERFACE DE DONNEES POUR DES VERROUS ELECTRONIQUES ET DES LECTEURS**
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[54] **PROCEDE AMELIORE POUR LA PREPARATION DE PHOSPHOLIPIDES OXYDES**
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[72] KOVALEVSKI-ISHAI, ETI, IL
[73] VASCULAR BIOGENICS LTD., IL
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[54] **NOUVEAUX FACTEURS VIII POUR LE TRAITEMENT DES HEMOPHILES DE TYPE A**
[72] SABOULARD, DIDIER, FR
[72] PLANTIER, JEAN-LUC, FR
[72] DELCOURT, MARC, FR
[72] NEGRIER, CLAUDE, FR
[72] MENGUY, THIERRY, FR
[72] BLESA, STEPHANE, FR
[72] MARIN, SYLVIE, FR
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[54] **SYSTEME AVEC FORCE VERS LE BAS POUR EQUIPEMENT ACTIF PRODUISANT MOINS DE CHALEUR**
[72] CARLZ, RANDALL JOSEPH, US
[73] DEERE & COMPANY, US
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[54] **CARENAGE SEPARE POUR TURBINE A GAZ**
[72] MANTEIGA, JOHN ALAN, US
[72] HERNANDEZ, WILHELM, US
[72] KWAN, THET, US
[72] MURPHY, PATRICK, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **BINDING PROTEINS, INCLUDING ANTIBODIES, ANTIBODY DERIVATIVES AND ANTIBODY FRAGMENTS, THAT SPECIFICALLY BIND CD154**
[54] **PROTEINES LIANTES, Y COMPRIS DES ANTICORPS, DERIVES D'ANTICORPS ET FRAGMENTS D'ANTICORPS QUI LIENT SPECIFIQUEMENT CD154**
[72] BURKLY, LINDA C., US
[72] FERRANT-ORGETTAS, JANINE L., US
[72] GARBER, ELLEN A., US
[72] HSU, YEN-MING, US
[72] SU, LIHE, US
[72] TAYLOR, FREDERICK R., US
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[72] POPPLEWELL, ANDREW GEORGE, GB
[72] ROBINSON, MARTYN KIM, GB
[72] SHOCK, ANTHONY, GB
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[54] **SCIE SANS CENTRE**
[72] CAMPEAU, STEPHANE, CA
[73] ACF SAWS & TOOLS OF CANADA INC., CA
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[54] **TROCART**
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[72] SMITH, ROBERT C., US
[72] DAVIS, MICHAEL, US
[72] ROCKROHR, BRIAN, US
[72] FISCHVOGT, GREGORY, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **LUBRIFIANTS LIQUIDES INCORPORES POUR FABRICATION DE COMPRIMES**
[72] DAI, YONG, US
[72] GOLDBERG, ALAN M., US
[72] GOODE, MICHAEL A., US
[72] BARTOLUCCI, RAYMOND ALAN, US
[72] FRAZIER, JAMES O., US
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[54] **COMPONENT ASSEMBLY CONSISTING OF A FASTENER ELEMENT AND A SHEET METAL PART AND ALSO A METHOD FOR MANUFACTURING SUCH A COMPONENT ASSEMBLY**
[54] **DISPOSITIF D'ASSEMBLAGE DE TOLES, ET METHODE DE FABRICATION DE CELUI- CI**
[72] BABEJ, JIRI, DE
[72] HUMPERT, RICHARD, DE
[72] SOWA, CHRISTIAN, DE
[72] VIETH, MICHAEL, DE
[73] PROFIL-VERBINDUNGSTECHNIK GMBH & CO. KG, DE
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[54] **COMPOSITIONS A BASE DE PRRSV GP5 ET PROCEDES**
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[73] MJ BIOLOGICS, INC., US
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[72] CUTHBERTSON, ALAN, NO
[73] GE HEALTHCARE AS, NO
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[54] **ACTIONNEURS ELECTROMAGNETIQUES**
[72] KOPECEK, HERBERT, DE
[72] SCHMITZ, MICHAEL BERNHARD, DE
[72] ALI, MOHAMED AHMED, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **COMPOSITIONS AND METHODS FOR ENZYMATIC TREATMENT OF LUNG DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT ENZYMATIQUE DES AFFECTIONS PULMONAIRES**
[72] PELLICO, MICHAEL., US
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[73] LACLEDE, INC., US
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[54] **METHODES ET COMPOSITIONS DESTINEES A AUGMENTER L'EXPRESSION TRANSGENIQUE DANS LES CELLULES T**
[72] HOLMES, MICHAEL C., US
[72] LEE, GARY KA LEONG, US
[73] SANGAMO BIOSCIENCES, INC., US
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[54] **RETENTION D'AUBAGE D'ETAGE DE REDRESSEUR DE COMPRESSEUR ASSURANT LA RESISTANCE AUX CHOCS**
[72] PENALVER CASTRO, ENRIQUE, BE
[72] CULOT, YVES, BE
[73] SAFRAN AERO BOOSTERS SA, BE
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[54] **PEPTIDES RUMC PRESENTANT UNE ACTIVITE ANTIMICROBIENNE**
[72] CROST, EMMANUELLE, FR
[72] FONS, MICHEL, FR
[72] GERAERT, PIERRE-ANDRE, FR
[73] ADISSEO FRANCE S.A.S., FR
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[54] **COMMUNICATION ENTRE DOMAINES**
[72] APPLETON, BENJAMIN CHARLES, AU
[72] MESCHKAT, STEFFEN, US
[72] TRAN, THAI, US
[72] SAH, ADAM, US
[72] WANG, ZHENG, AU
[72] SCHUCK, ADAM PAUL, AU
[72] MACGILL, JAMES ROBERT, AU
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[54] **SEMI-PERSISTENT RESOURCE ALLOCATION METHOD FOR UPLINK TRANSMISSION IN WIRELESS PACKET DATA SYSTEMS**
[54] **PROCEDE D'ALLOCATION DE RESSOURCE SEMI-PERSISTANTE POUR TRANSMISSION EN LIAISON ASCENDANTE DANS DES SYSTEMES DE DONNEES DE PAQUETS SANS FIL**
[72] RAMESH, RAJARAM, US
[72] BALACHANDRAN, KUMAR, US
[72] KOORAPATY, HAVISH, US
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **METHOD AND SYSTEM FOR PRECISE DRILLING GUIDANCE OF TWIN WELLS**
[54] **METHODE ET SYSTEME DE GUIDAGE PRECIS DE FORAGE DE PUITS JUMELES**
[72] WATERS, ROBERT L., US
[72] MEADOR, EDWIN L., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **ATMOSPHERIC PRESSURE ION SOURCE PERFORMANCE ENHANCEMENT**
[54] **AMPLIFICATION DE LA PERFORMANCE D'UNE SOURCE D'IONS SOUS PRESSION ATMOSPHERIQUE**
[72] WHITEHOUSE, CRAIG M., US
[72] WHITE, THOMAS P., US
[73] PERKINELMER HEALTH SCIENCES, INC., US
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[54] **MULTIMERIC TIE 2 AGONISTS AND USES THEREOF IN STIMULATING ANGIOGENESIS**
[54] **AGONISTES TIE 2 MULTIMERES ET LEURS UTILISATIONS DANS LA STIMULATION DE L'ANGIOGENESE**
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[72] VAN SLYKE, PAUL, CA
[73] SUNNYBROOK HEALTH SCIENCES CENTER, CA
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[54] **SYSTEME ET PROCEDE POUR RASSEMBLER ET RAPPORTER DES DONNEES DE TRAFIC DE RESEAU**
[72] ALCALA, RAOUL, US
[72] COMSTEDT, NICLAS, US
[72] WHITAKER, JEFF, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
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[25] EN
[54] **WIRELESS COMMUNICATIONS SYSTEM PROVIDING ADVERTISING-BASED MOBILE DEVICE NAVIGATION FEATURES AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATIONS SANS FIL FOURNISSANT DES FONCTIONS DE NAVIGATION POUR APPAREIL MOBILE A BASE DE PUBLICITE, ET METHODES CONNEXES**
[72] TYSOWSKI, PIOTR KONRAD, CA
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[54] **DISPOSITIF DE PROTECTION POUR FACONNEUSE**
[72] WILLETT, PAUL E., AU
[73] MOFFAT PTY LIMITED, AU
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[54] **CONDUITE ENROBEE**
[72] DOWE, ANDREAS, DE
[72] GOERING, RAINER, DE
[72] RISTHAUS, MARTIN, DE
[72] GAHLMANN, KLAUS, DE
[72] BUESSING, REINHARD, DE
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[73] SALZGITTER MANNESMANN LINE PIPE GMBH, DE
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[54] **TISSUE POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE TISSU**
[72] MORRIS, STEPHEN, US
[72] WEISEL, THOMAS, US
[72] PISARNWONGS, ROGER, US
[73] MICROAIRE SURGICAL INSTRUMENTS LLC, US
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[54] **HIGH-VISIBILITY ROOF-DRAIN COVER**
[54] **PANNEAU POUR DRAIN DE TOITURE**
[72] MAY, SCOTT ARTHUR, US
[72] MAY, LINDA, US
[73] MAY, SCOTT ARTHUR, US
[73] MAY, LINDA, US
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[54] **SIMPLIFIED PROCESS FOR LEACHING PRECIOUS METALS FROM FUEL CELL MEMBRANE ELECTRODE ASSEMBLIES**
[54] **PROCEDE SIMPLIFIE POUR LIXIVIER DES METAUX PRECIEUX A PARTIR D'ENSEMBLES D'ELECTRODES A MEMBRANE DE PILE A COMBUSTIBLE**
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[72] MATLIN, RAMAIL, US
[73] BASF CORPORATION, US
[85] 2010-02-22
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[54] **UNE METHODE DE CONVERSION DE LA CELLULOSE**
[72] FANSELOW, MARKUS, GB
[72] HOLBREY, JOHN, GB
[72] SEDDON, KENNETH RICHARD, GB
[72] VANOYE, LAURENT, GB
[72] ZHENG, ANNA, GB
[73] PETROLIAM NASIONAL BERHAD (PETRONAS) (COMPANY NO. 20076-K), MY
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[54] **CLEANABLE TOUCH AND TAP-SENSITIVE SURFACE**
[54] **SURFACE TACTILE ET SENSIBLE A UN TAPOTEMENT NETTOYABLE**
[72] MARSDEN, RANDAL J., CA
[73] APPLE INC., US
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[54] **MAGNETIC FISHING LURE HOLDER**
[54] **PORTE-LEURRES DE PECHE MAGNETIQUE**
[72] GESIK, JOHN S., US
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[54] **ARTICLE ABSORBANT.**
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[72] LINDQVIST, ARNE, SE
[72] PERSSON, CHRISTER, SE
[72] HAAKANSSON, MIKAEL, SE
[73] ATTENDS HEALTHCARE AB, SE
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[25] EN
[54] **DEVICE FOR ADMINISTERING CELLS AND CELL-THERAPY METHODS USING SAID DEVICE**
[54] **DISPOSITIF POUR L'ADMINISTRATION DE CELLULES ET PROCEDE DE THERAPIE CELLULAIRE UTILISANT LEDIT DISPOSITIF**
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[72] SANCHEZ MORAL, PEDRO, ES
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[73] SMK-LOGOMOTION CORPORATION, JP
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[72] TALWAR, MUNISH, IN
[72] MATE, SANJAY, IN
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[54] **SYSTEME COMPOSITE MULTICOUCHE ET PROCEDE CORRESPONDANT**
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[72] ROCHEFORT, WILLIE E., US
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[72] KARLSSON, JONAS, SE
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[54] **PROCEDE ET DISPOSITIF POUR EVALUER LES CARACTERISTIQUES STRUCTURELLES DE POTEAUX DE SUPPORT INSTALLES**
[72] PIAZZA, MAURIZIO, IT
[72] POMPERMAIER, GIANNI MARIA, IT
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[72] DAVID, MARION, FR
[72] MOLINO, YVES, FR
[72] VLIEGHE, PATRICK, FR
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[54] **PROCEDE DE RECUPERATION DE METAUX SOUS LA FORME DE CHLORURES METALLIQUES OU CHLORURES METALLIQUES MIXTES A PARTIR DE MATIERES DE DECHETS DE SCORIES**
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[54] **SYSTEMES ET PROCEDES DE DETECTION D'UN SIGNAL ET D'APPLICATION D'ENERGIE THERMIQUE A UN ELEMENT DE TRANSMISSION DE SIGNAL**
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[72] TIIHONEN, JARI, FI
[72] NYMAN, BROR, FI
[72] HIRSI, TUOMAS, FI
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[72] MA, JIANGLEI, CA
[72] NOVAK, ROBERT, CA
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[72] CREN, SYLVAINE, CH
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[54] **ENSEMBLE POUR REDUIRE LA PRESSION DE BOUES DANS UN SYSTEME DE TRAITEMENT DE BOUES**
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[54] **COMPOSE AMIDE SUBSTITUE**
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[72] KANAYAMA, TAKATOSHI, JP
[72] FUKUDA, YUTA, JP
[72] KAIZAWA, HIROYUKI, JP
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[72] TAKE, KAZUHIKO, JP
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[54] **GENERATEUR DE TOURBILLON ESCAMOTABLE POUR REDUIRE LA VITESSE DE DECROCHAGE**
[72] FOX, BRUCE R., US
[72] FOX, STEPHEN J., US
[73] THE BOEING COMPANY, US
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[72] GUITTARD, DOMINIQUE, FR
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[72] TIEBES, JOERG, DE
[72] VAN ALMSICK, ANDREAS, DE
[72] AHRENS, HARTMUT, DE
[72] HEINEMANN, INES, DE
[72] BRAUN, RALF, DE
[72] SCHMITT, MONIKA H., DE
[72] WILLMS, LOTHAR, DE
[72] FEUCHT, DIETER, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] HAEUSER-HAHN, ISOLDE, DE
[72] DREWES, MARK, DE
[72] DOERNER-RIEPING, SIMON, DE
[72] DITTGEN, JAN, BE
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[54] **COMPOSITION PHARMACEUTIQUE COMPORTANT DE L'ACIDE GRAS OMEGA-3 ET DERIVE HYDROXY D'UNE STATINE ET PROCEDES D'UTILISATION DE CEUX-CI**
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[73] AMARIN PHARMACEUTICALS IRELAND LIMITED, IE
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[72] YE, JINGSONG, US
[72] YAN, HUA, US
[72] SWORDS, KATHLEEN M.M., US
[72] MENENDEZ-HUMARA, JAIME, US
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[54] **TRIAZINE CONTENANT DES ELASTOMERES DE FLUOROPOLYETHER PRESENTANT DE FAIBLES TEMPERATURES DE TRANSITION VITREUSE, COMPOSITIONS LES CONTENANT ET LEURS PROCEDES DE PRODUCTION**
[72] CORVELEYN, STEVEN G., BE
[72] DAMS, RUDOLF J., BE
[72] GROOTAERT, WERNER M. A., US
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[72] BRAYSHAW, DAVID, US
[72] WITTKOP, SCOTT, US
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[54] **METHOD AND DEVICE FOR CONTROLLING AN ARTIFICIAL ORTHOTIC OR PROSTHETIC JOINT**
[54] **PROCEDE ET DISPOSITIF POUR COMMANDER UNE ARTICULATION ORTHETIQUE OU PROTHETIQUE ARTIFICIELLE**
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[72] KAMPAS, PHILIPP, AT
[72] PAWLIK, ROLAND, AT
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[54] **APPAREIL DE TRAITEMENT DE SIGNAUX AUDIO ET VOCAUX DANS UN DISPOSITIF AUDIO**
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[54] **TRANSDUCTEUR DE COURANT MAGNETO-OPTIQUE AVEC PERFORMANCES DE COUPURE AMELIOREES**
[72] VERBANETS, WILLIAM, US
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[54] **CALCULS D'ETAT DISTRIBUES DANS UN RESEAU ELECTRIQUE A L'AIDE D'AGENTS**
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[72] HOMMELBERG, MATTHEUS PETRUS FRANCISCUS, BE
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[72] SIRIWONGPAIRAT, WIPAWEE, US
[73] METEORCOMM LLC, US
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[54] **SYSTEME DE CONTROLE BASE SUR LE CONDUCTEUR ET PROCEDE POUR AMELIORER LES ECONOMIES DE CARBURANT**
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[73] CHRYSLER GROUP LLC, US
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[54] **SYSTEME, APPAREIL ET PROCEDE DE CRYPTAGE ET DE DECRYPTAGE DE DONNEES TRANSMISES SUR UN RESEAU**
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[54] **PROCEDE DE FABRICATION DE STATOR ET DISPOSITIF A LAME TOURNOYANTE**
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[73] NATIONAL OILWELL VARCO L.P., US
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[54] **PERFORMANCE MONITORING BRUSH, METHODS AND SYSTEMS FOR THE SPORT OF CURLING**
[54] **BALAI, PROCEDES ET SYSTEMES DE CONTROLE DE LA PERFORMANCE POUR LE SPORT DU CURLING**
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[72] SANDE, JENNIFER, CA
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[54] **PICK TOOL AND METHOD FOR MAKING SAME**
[54] **OUTIL A PIQUETER, ET PROCEDE DE FABRICATION CORRESPONDANT**
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[54] **APPAREIL POUR CONVERTIR DE L'ISOLANT EN BALLOT EN ISOLANT EN VRAC**
[72] CONRAD, WAYNE ERNEST, CA
[72] CARD, SCOTT, CA
[72] BOWMAN, GERRY, CA
[72] ZAJAC, JEFF, CA
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[54] **ROUTAGE DE CLIENTS DANS UN RESEAU SUPERPOSE DE POSTE A POSTE**
[72] WU, WEI, US
[73] BLACKBERRY LIMITED, CA
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[54] **CRIB CONVERTIBLE TO A BED, AND KIT AND METHOD FOR CONVERTING THE SAME**
[54] **LIT D'ENFANT CONVERTIBLE AVEC MATERIEL ET MARCHE A SUIVRE**
[72] VERONNEAU, MELISSA, CA
[73] GROUPE DUTAILIER INC., CA
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[73] MYCONE DENTAL SUPPLY CO., INC., US
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[72] CHITTURI, SURESH, US
[72] WARDEN, JAMES PAUL, US
[72] SIRCAR, SHILADITYA, CA
[72] RAO, MICHAEL, CA
[72] KEWALRAMANI, VIKRAM RATTAN, CA
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[54] **DISPOSITIF ASSURANT LA MANIPULATION SANS RISQUE DES MEDICAMENTS**
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[73] TEVA MEDICAL LTD., IL
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[73] PAN AMERICAN SCREW LLC, US
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[72] MCCAFFREY, ROBERT JOHN, US
[73] WYETH LLC, US
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[54] **PLANIFICATION AUTOMATISEE DU DEVELOPPEMENT D'UN CHAMP PETROLIER**
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[72] HALABE, VIJAYA, GB
[72] BANERJEE, RAJ, GB
[72] HABASHY, TAREK M., US
[72] THAMBYNAYAGAM, MICHAEL, US
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[54] **SYSTEME DE COUVERTURE POUR DECHARGES**
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[73] WATERSHED GEOSYNTHETICS LLC, US
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[54] **EQUIPEMENT DE PRODUCTION DE GAZ NATUREL LIQUEFIE MODULAIRE**
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[73] WOODSIDE ENERGY TECHNOLOGIES PTY LTD, AU
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[54] **BODY FLUID MANAGEMENT SYSTEM**
[54] **MECANISME DE GESTION DES FLUIDES CORPORELS**
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[54] **SYSTEM FOR TRANSPORTING CONTAINERS BETWEEN DIFFERENT STATIONS, AND THE CONTAINER CARRIER**
[54] **SYSTEME PERMETTANT DE TRANSPORTER DES CONTENANTS ENTRE DIFFERENTES STATIONS ET SUPPORT DE CONTENANT ASSOCIE**
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[73] ROCHE PVT GMBH, DE
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[54] **SYNTHESIS OF 18F-LABELED TRACERS IN HYDROUS ORGANIC SOLVENTS**
[54] **SYNTHESE DE TRACEURS MARQUES PAR 18F DANS SOLVANTS ORGANIQUES AQUEUX**
[72] GANGADHARMATH, UMESH B., US
[72] KOLB, HARTMUTH C., US
[72] WALSH, JOSEPH C., US
[73] SIEMENS MEDICAL SOLUTIONS USA, INC., US
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[54] **A METHOD FOR TRANSFORMING LITHIUM ALUMINUM SILICATE IN .ALPHA.-SPODUMENE FORM INTO .BETA.-SPODUMENE FORM BY THERMAL PROCESSING**
[54] **UNE METHODE DE TRANSFORMATION D'ALUMINOSILICATE DE LITHIUM DE FORME ALPHA-SPODUMENE EN FORME BETA-SPODUMENE PAR TRAITEMENT THERMIQUE**
[72] METSAERINTA, MAIJA-LEENA, FI
[73] OUTOTEC OYJ, FI
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[54] **METHOD AND SYSTEM FOR CHECKPOINTING DURING SIMULATIONS**
[54] **PROCEDE ET SYSTEME DE POSE DE POINTS DE REPRISE PENDANT DES SIMULATIONS**
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[72] ANDERSON, JOHN E., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **CAPSULE DE DISTRIBUTION SERVANT A CONTENIR ET DISTRIBUER DES INGREDIENTS PRECHARGES**
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[73] KARMA CULTURE LLC, US
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[72] KUMAR, PRAMOD, CA
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[73] LEVINE, IAN, CA
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[54] **ADVERTISEMENT AND DISTRIBUTION OF NOTIFICATIONS IN A WIRELESS LOCAL AREA NETWORK (WLAN)**
[54] **PUBLICITE ET DISTRIBUTION DE NOTIFICATIONS DANS UN RESEAU LOCAL SANS FIL (WLAN)**
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[72] MONTEMURRO, MICHAEL PETER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF A POIGNEE REVERSIBLE**
[72] HUANG, LIEN-HSI, TW
[72] HUANG, JIAN-YUAN, TW
[73] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW
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[54] **COMPOSITION BASED ON OXIDES OF CERIUM, OF NIOBIUM AND, OPTIONALLY, OF ZIRCONIUM AND USE THEREOF IN CATALYSIS**
[54] **COMPOSITION A BASE D'OXYDES DE CERIUM, DE NIOBIUM ET, EVENTUELLEMENT, DE ZIRCONIUM ET SON UTILISATION EN CATALYSE**
[72] HERNANDEZ, JULIEN, FR
[72] JORGE COELHO MARQUES, RUI, FR
[72] ROHART, EMMANUEL, FR
[73] RHODIA OPERATIONS, FR
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[72] JASPERS, GINA, DE
[73] ERNST BOECKER GMBH & CO. KG, DE
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[54] **PHOSPHATE ESTER COMPOUND OF HYDROXY ACID SUBSTITUTED PHENOL ESTER, PREPARATION METHOD AND MEDICAL USE THEREOF**
[54] **COMPOSE DE TYPE ESTER D'ACIDE PHOSPHORIQUE D'UN ESTER PHENYLIQUE SUBSTITUE PAR UN HYDROXYACIDE, SON PROCEDE DE SYNTHESE ET SON UTILISATION MEDICALE**
[72] ZHANG, WENSHENG, CN
[72] YANG, JUN, CN
[72] LIU, JIN, CN
[73] WEST CHINA HOSPITAL, SICHUAN UNIVERSITY, CN
[73] YICHANG HUMANWELL PHARMACEUTICAL CO., LTD., CN
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[54] **REPLACEABLE CAP FOR A DOSING DEVICE**
[54] **CAPUCHON REMPLACABLE POUR UN DISPOSITIF DE DOSAGE**
[72] SJOELUND, PER JOHN, GB
[72] BOTHA, MARCEL, ZA
[72] SJOELUND, PER ANDREAS, SE
[73] PATIENTS PENDING LTD, GB
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[54] **BROYEUR REGLABLE, ET STATOR POUR BROYEUR REGLABLE**
[72] WILSON, TRACIE, US
[72] RZEPKA, JOHN, US
[72] RATTIN, OLIVIER, FR
[72] RIME, SEBASTIEN, FR
[73] MCCORMICK & COMPANY, INCORPORATED, US
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[54] **METHODS OF FORMING GRAPHENE BY GRAPHITE EXFOLIATION**
[54] **PROCEDES DE FORMATION DE GRAPHENE PAR EXFOLIATION DE GRAPHITE**
[72] LOH, KIAN PING, SG
[72] WANG, JUNZHONG, SG
[73] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2012-12-21
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[25] EN
[54] **METHOD AND APPARATUS TO RELIEVE MENSTRUAL PAIN**
[54] **PROCEDE ET APPAREIL POUR SOULAGER LA DOULEUR MENSTRUELLE**
[72] LEE, STEPHEN D., US
[72] GLENN, AKHAVEIN, US
[72] ROBERT, BRADY, US
[72] DANIEL, DUGAS, US
[73] EMBRACE, LLC, US
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[54] **METHODS AND APPARATUS TO COMMUNICATE DATA BETWEEN A WIRELESS NETWORK AND A MOBILE STATION**
[54] **PROCEDES ET APPAREIL PERMETTANT LA COMMUNICATION DE DONNEES ENTRE UN RESEAU SANS FIL ET UNE STATION MOBILE**
[72] HOLE, DAVID PHILIP, GB
[72] SNOW, CHRISTOPHER HARRIS, US
[72] ABDEL-SAMAD, AYMAN AHMED, CA
[72] ARORA, DINESH KUMAR, CA
[72] ALMALKI, NAZIH, CA
[73] BLACKBERRY LIMITED, CA
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[72] EVANS, ANNETTE, US
[72] BUTLER, SUSAN E., US
[73] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[54] **A LOADING HOSE**
[54] **TUYAU DE CHARGEMENT**
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[72] VAN DER WOUDE, RIENTS, NO
[73] MACGREGOR NORWAY AS, NO
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[25] EN
[54] **GENERATION AND APPLICATION OF A SUB-CODEBOOK OF AN ERROR CONTROL CODING CODEBOOK**
[54] **GENERATION ET APPLICATION D'UN SOUS-LIVRE DE CODES D'UN LIVRE DE CODES POUR CODAGE DE CONTROLE D'ERREUR**
[72] FONG, MO-HAN, CA
[72] NIKOPOURDEILAMI, HOSEIN, CA
[72] YU, DONG-SHENG, CA
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **CASQUE D'ECOUTE SPORTS MUSICOM**
[72] GIBBONS, PETER, US
[73] GIBBONS, PETER, US
[85] 2013-03-08
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[54] **SYSTEMS AND METHODS FOR RAPIDLY DEPLOYING SURGICAL HEART VALVES**
[54] **SYSTEMES ET PROCEDES POUR DEPLOYER RAPIDEMENT DES VALVULES CARDIAQUES CHIRURGICALES**
[72] PINTOR, RAFAEL, US
[72] SCOTT, MICHAEL J., US
[72] CHIEN, THOMAS, US
[72] CHEN, HARVEY H., US
[72] YAMBAO, AUGUST R., US
[72] FARHAT, LAWRENCE J., US
[72] PHUNG, ANDREW, US
[72] BRUNNETT, WILLIAM C., US
[72] CRISTEA, CAREY, US
[72] KALAM, FAISAL, US
[72] WALLS, SARA M., US
[72] ZHENG, KEVIN W., US
[72] ZENG, QINGGANG, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[25] EN
[54] **2-(R2-THIO)-10-[3-(4-R1-PIPERAZIN-1-YL)PROPYL]-10H-PHENOTHIAZINE FOR TREATING A B-AMYLOIDOPATHY OR AN ALPHA-SYNUCLEOPATHY, AND METHOD FOR THE DIAGNOSIS OR PREDIAGNOSIS THEREOF**
[54] **2-(R2-THIO)-10-[3-(4-R1-PIPERAZIN-1-YL)PROPYL]-10H-PHENOTHIAZINE POUR LE TRAITEMENT D'UNE PATHOLOGIE BETA-AMYLOIDE OU D'UNE ALPHA-SYNUCLEOPATHIE, ET PROCEDE POUR EN FAIRE LE DIAGNOSTIC OU LE PRE-DIAGNOSTIC**
[72] PAHNKE, JENS, DE
[73] IMMUNGENETICS AG, DE
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[54] **REFLECTEUR POUR SYSTEME DE MESURE DE FLUIDE**
[72] SAWCHUK, DANIEL A., CA
[72] SELIRIO, REGINALD, CA
[73] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
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[54] **DISPOSITIF D'AILE PLIANTE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] SUDBRINK, MATTHEW R., US
[72] HAYNES, JESSICA, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **IMMUNOCHROMATOGRAPHY DEVICES, METHODS, AND KITS**
[54] **DISPOSITIF, PROCEDES ET KITS D'IMMUNOCHROMATOGRAPHIE**
[72] GREBE, MARCO, DE
[73] GRIFOLS THERAPEUTICS INC., US
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[54] **STRUCTURE DE VERROU ET MECANISME DE GUIDAGE DE LADITE STRUCTURE**
[72] HUANG, CHAO-MING, TW
[73] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW
[86] (2811840)
[87] (2811840)
[22] 2013-04-02
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[54] **TOOTH MILLING CUTTER AND METHOD FOR MILLING THE TEETH OF TOOTHED GEAR ELEMENTS**
[54] **FRAISE POUR DENT ET PROCEDE DE FRAISAGE DES DENTS D'ELEMENTS D'ENGRENAGE A DENTS**
[72] SCHERBARTH, STEFAN, DE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **PROCEDE ET APPAREIL POUR L'ESTIMATION DE DONNEES D'ETAT DE CANAL LTE**
[72] SIMMONS, SEAN BARTHOLOMEW, CA
[72] WU, HUAN, CA
[72] JIA, YONGKANG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-04-04
[86] 2010-10-08 (PCT/CA2010/001575)
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING WEIGHTING FUNCTION HAVING LOW COMPLEXITY FOR LINEAR PREDICTIVE CODING (LPC) COEFFICIENTS QUANTIZATION**
[54] **APPAREIL ET PROCEDE POUR DETERMINER UNE FONCTION DE PONDERATION PEU COMPLEXE DESTINEE A LA QUANTIFICATION DE COEFFICIENTS DE CODAGE PAR PREDICTION LINEAIRE (LPC)**
[72] SUNG, HO SANG, KR
[72] OH, EUN MI, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-04-16
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[25] EN
[54] **SYSTEMS AND METHODS OF FEEDING HOOK FASTENING ELEMENTS INTO A MOLD ASSEMBLY LINE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'INTRODUIRE DES ELEMENTS DE FIXATION A CROCHETS DANS UNE CHAINE DE MONTAGE DE MOULES**
[72] YOSHIDA, TOMONARI, US
[72] SHO, YOSHIYUKI, JP
[72] NAKATA, YOSHIFUMI, US
[72] YONESHIMA, HISASHI, JP
[72] YOSHIDA, TAKANORI, US
[73] YKK CORPORATION, JP
[85] 2013-04-30
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[54] **METHODS AND APPARATUS FOR USE IN FACILITATING COMMUNICATION FOR DIFFERENT TYPES OF WIRELESS NETWORKS**
[54] **METHODES ET APPAREIL VISANT A FACILITER LA COMMUNICATION POUR DIFFERENTS TYPES DE RESEAUX SANS FIL**
[72] MONTEMURRO, MICHAEL PETER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **COLONNES DE FRACTIONNEMENT CINETIQUE ET PROCEDES IMPLIQUANT UNE SUCCESSION DE CYCLES UTILISABLES EN VUE DU FRACTIONNEMENT DE MELANGES GAZEUX**
[72] SUNDARAM, NARASIMHAN, US
[72] NORTHROP, P. SCOTT, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **MODULAR TOOL FOR WELLBORE CLEANING**
[54] **OUTIL MODULAIRE POUR LE NETTOYAGE DE PUITS DE FORAGE**
[72] TELFER, GEORGE, GB
[73] M-I DRILLING FLUIDS U.K. LIMITED, GB
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[54] **ASSOCIATIVE OBJECT TRACKING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SUIVI D'OBJET ASSOCIATIF**
[72] DEANGELIS, DOUGLAS J., US
[72] EVANSEN, EDWARD G., US
[72] REILLY, GERARD M., US
[73] ISOLYNX, LLC, US
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[54] **SIDE LOAD CONSTANT FORCE COUNTERBALANCE SYSTEM**
[54] **SYSTEME DE CONTREPOIDS A FORCE CONSTANTE ET CHARGE LATERALE**
[72] SOFIANEK, JAY, US
[72] MILLIGAN, PATRICK, US
[72] FELTES, ALLEN, US
[72] JAKUS, ALAN, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[87] (2818423)
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[54] **STOCKAGE ET UTILISATION DE NUMEROS INDICATIFS DE REMPLACEMENT POUR UNE APPLICATION DE TELECONFERENCE MOBILE**
[72] HOLE, DAVID PHILIP, GB
[73] BLACKBERRY LIMITED, CA
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[87] (2818636)
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[54] **GARNITURE A BASE DE LIPIDES RESISTANT A LA CHALEUR**
[72] COUTTENYE, RICHARD, US
[72] SCHULOK, JAMES, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-05-24
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[54] **PAILLETTE POUR INSEMINATION ARTIFICIELLE**
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[72] MINATO, YOSHIAKI, JP
[73] LIVESTOCK IMPROVEMENT ASSOCIATION OF JAPAN, INC., JP
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[73] NAGRAVISION S.A., CH
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[54] **CONTROLE PREDICTIF A MODELE NON LINEAIRE POUR PROCEDE DE CYCLAGE CHIMIQUE**
[72] JOSHI, ABHINAYA, US
[72] LEI, HAO, US
[72] LOU, XINSHENG, US
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2821463)
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[30] US (61/674,659) 2012-07-23
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[54] **RATCHETING TAKE-UP DEVICE**
[54] **DISPOSITIF DE RATTRAPAGE DE JEU A ROCHET**
[72] GRAY, DANIEL M., US
[72] MCGURTY, LISA M., US
[72] WERT, BRYAN DAVID, US
[72] STRAWN, THOMAS MAXWELL, US
[73] SIMPSON STRONG-TIE COMPANY, INC., US
[86] (2822151)
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[54] **SAMPLING DEVICE FOR ION MIGRATION SPECTROMETER AND METHOD FOR USING THE SAME, AND ION MIGRATION SPECTROMETER**
[54] **DISPOSITIF D'INTRODUCTION D'ECHANTILLON POUR SPECTROMETRE DE MOBILITE IONIQUE, PROCEDE UTILISANT CE DISPOSITIF ET SPECTROMETRE DE MOBILITE IONIQUE**
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] PENG, HUA, CN
[72] ZHANG, ZHONGXIA, CN
[72] XUE, XIN, CN
[72] WANG, YAOXIN, CN
[72] LIN, JIN, CN
[72] YANG, XIAOHUI, CN
[73] NUCTECH COMPANY LIMITED, CN
[85] 2013-06-18
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[54] **MECANISME COULISSANT POUR UN SIEGE INCLINABLE A COULISSEMENT**
[72] PELLETIER, PATRICE, CA
[72] PELLETIER, GINO, CA
[73] PEL INTERNATIONAL INC., CA
[86] (2822326)
[87] (2822326)
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[54] **THERMAL REACTOR FOR THE CONTINUOUS THERMOLYTIC RECYCLING OF GRANULES**
[54] **REACTEUR THERMIQUE DESTINE AU RECYCLAGE THERMOLYTIQUE EN CONTINU DE GRANULES**
[72] SCHULZ, KLAUS-PETER, DE
[73] PYRUM INNOVATIONS INTERNATIONAL S.A., LU
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[54] **METHOD AND DEVICE FOR TREATING OSTEOARTHRITIS NONINVASIVELY**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT NON INVASIF DE L'OSTEO-ARTHRITE**
[72] WILLEFORD, KENNETH L., US
[73] WILLEFORD, KENNETH L., US
[85] 2013-07-09
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[54] **ROTATIONAL ANNULAR AIRSCREW WITH INTEGRATED ACOUSTIC ARRESTER**
[54] **HELICE ANNULAIRE ROTATIVE AVEC DISPOSITIF D'ARRET ACOUSTIQUE INTEGRE**
[72] MOORE, MATTHEW D., US
[72] BOREN, KELLY L., US
[73] THE BOEING COMPANY, US
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[87] (2824290)
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[54] **METHOD AND MEANS FOR EXTENDING THE SHELF LIFE OF FOOD PRODUCTS**
[54] **PROCEDE ET MOYEN POUR PROLONGER LA DUREE DE CONSERVATION DE PRODUITS ALIMENTAIRES**
[72] LEECH, LESLIE D., US
[72] PALANDRI, SHAWN M., US
[73] FREMONT BEEF COMPANY, US
[86] (2824498)
[87] (2824498)
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[54] **ALCOTEST RAPIDEMENT UTILISABLE**
[72] STOCK, BURKHARD, DE
[72] REKOW, JENS, DE
[73] DRAGER SAFETY AG & CO. KGAA, DE
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[25] EN
[54] **CURRENT BALANCE CONTROL IN CONVERTER FOR DOUBLY FED INDUCTION GENERATOR WIND TURBINE SYSTEM**
[54] **COMMANDE D'EQUILIBRE DU COURANT DANS UN CONVERTISSEUR POUR SYSTEME D'EOLIENNE GENERATEUR A INDUCTION A DOUBLE ALIMENTATION**
[72] WAGONER, ROBERT GREGORY, US
[72] SEYMOUR, ROBERT ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **DEVICE AND PROCESS FOR MACHINING THE CORNEA OF A HUMAN EYE WITH FOCUSED PULSED LASER RADIATION**
[54] **DISPOSITIF ET PROCEDE POUR MODELER LA CORNEE D'UN OEIL HUMAIN AVEC UN RAYONNEMENT LASER PULSE FOCALISE**
[72] SEILER, THEO, CH
[72] WOELFEL, MATHIAS, DE
[72] DONITZKY, CHRISTOF, DE
[73] WAVELIGHT GMBH, DE
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[54] **METHOD AND APPARATUS FOR ACCELERATING CHEMICAL AND BIOCHEMICAL REACTIONS FEATURING A BASIN COMPRISING A MOVING BELT**
[54] **METHODE ET APPAREIL DESTINES A ACCELERER LES REACTIONS CHIMIQUES ET BIOCHIMIQUES COMPORTANT UN BASSIN COMPRENANT UNE CEINTURE MOBILE**
[72] HAKALEHTO, EINO ELIAS, FI
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[54] **COMPOSITION AND METHOD FOR TREATING WELL BORE IN A SUBTERRANEAN FORMATION WITH CROSSLINKERS POLYMER FLUIDS**
[54] **COMPOSITION ET PROCEDE DE TRAITEMENT DE PUITS DE FORAGE DANS UNE FORMATION SOUTERRAINE AVEC DES FLUIDES D'AGENTS DE RETICULATION ET DE POLYMERE**
[72] SANCHEZ REYES, JAVIER, US
[72] PARRIS, MICHAEL D., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **STIMULATION A RADIOFREQUENCE CYCLIQUE**
[72] SULTENFUSS, DANIEL, US
[72] TRAUTMAN, MARK, US
[72] PARSCHE, FRANCIS, US
[73] CONOCOPHILLIPS COMPANY, US
[73] HARRIS CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR AUTOMATIC DETECTION AND TESTING OF IMAGES FOR CLINICAL RELEVANCE**
[54] **SYSTEMES ET PROCEDES POUR DETECTER ET TESTER AUTOMATIQUEMENT LA PERTINENCE CLINIQUE D'IMAGES**
[72] PFRENGLE, UDO, DE
[72] KOHNEN, MICHAEL, DE
[72] BLAU, ARNO, DE
[72] EPTING, THOMAS, DE
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[54] **SYSTEME D'ISOLATION DE PAROIS AU MOYEN DE BLOCS RECTANGULAIRES**
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[73] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
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[54] **COMMANDE DE PRESSION ET D'ECOULEMENT DANS DES OPERATIONS DE FORAGE**
[72] BERNARD, CHRISTOPHER J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METABOLIC MONITORING, A METHOD AND APPARATUS FOR INDICATING A HEALTH-RELATED CONDITION OF A SUBJECT**
[54] **CONTROLE METABOLIQUE ET PROCEDE ET APPAREIL PERMETTANT D'INDIQUER UN ETAT DE SANTE D'UN SUJET**
[72] LILJERYD, LARS GUSTAF, SE
[72] MAGNUSSON, ULF FREDRIK, SE
[73] DIABETES TOOLS SWEDEN AB, SE
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[54] **VIBRATEUR ROTATIF DE FOND DE TROU**
[72] XU, RICHARD YINGQING, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **DETECTION DE SEQUENCES D'ACIDES NUCLEIQUES CIBLES PAR CLIVAGE ET HYBRIDATION DE PO**
[72] CHUN, JONG YOON, KR
[72] LEE, YOUNG JO, KR
[73] SEEGENE, INC., KR
[85] 2013-10-22
[86] 2012-05-03 (PCT/KR2012/003497)
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[30] KR (10-2011-0042332) 2011-05-04
[30] KR (10-2011-0068888) 2011-07-12
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[54] **DELIVERY ASSEMBLY FOR MACHINES FOR PREPARING LIQUID PRODUCTS VIA CARTRIDGES**
[54] **ENSEMBLE DE DISTRIBUTION POUR MACHINES DE PREPARATION DE PRODUITS LIQUIDES UTILISANT DES CARTOUCHES**
[72] BUGNANO, LUCA, IT
[72] CABILLI, ALBERTO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2013-10-24
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[54] **UNIVERSAL COUPLING AND PARTS THEREFORE**
[54] **RACCORD UNIVERSEL ET PARTIES D'UN TEL RACCORD**
[72] STRATULAT, VALER, CA
[72] STARK, DONALD WILLIAM, CA
[73] CAMBRIDGE BRASS, INC., CA
[85] 2013-11-01
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[54] **CHAMBRE DE BIOREACTEUR**
[72] DAVIES, DAVID, GB
[72] GORDON, PAUL, GB
[72] WILKINSON, MALCOLM, GB
[72] WARD, WILLIAM, GB
[73] PARKER HANNIFIN MANUFACTURING LIMITED, GB
[73] KIRKSTALL LIMITED, GB
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[30] GB (1108165.0) 2011-05-16
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[25] EN
[54] **LAUNDRY CARE COMPOSITIONS COMPRISING THIOPHENE AZO DYES**
[54] **COMPOSITIONS D'ENTRETIEN DU LINGE COMPRENANT DES COLORANTS A BASE DE THIOPHENE AZO**
[72] MIRACLE, GREGORY SCOT, US
[72] TORRES, EDUARDO, US
[72] BRUHNKE, JOHN DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[30] US (61/598,014) 2012-02-13

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[51] **Int.Cl. E21B 21/08 (2006.01)**
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[54] **DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD HAVING DYNAMIC RESPONSE TO LOCAL WELL CONDITIONS**
[54] **SYSTEME ET PROCEDE DE REGULATION DE FLUIDE POUR FOND DE PUITS A REACTION DYNAMIQUE AUX CONDITIONS DE PUITS LOCALES**
[72] GANO, JOHN CHARLES, US
[72] HOLDERMAN, LUKE WILLIAM, US
[72] FRIPP, MICHAEL LINLEY, US
[72] DYKSTRA, JASON D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCESS FOR THE PREPARATION OF A PHARMACEUTICALLY EFFECTIVE EXTRACT FROM ARTHROSPIRA SPEC.**
[54] **PROCEDE DE PREPARATION D'UN EXTRAIT PHARMACEUTIQUEMENT ACTIF D'ARTHROSPIRA SPEC.**
[72] KEIMES, JORG, DE
[72] GUNTHER, PATRICK, DE
[73] OCEAN RESEARCH & DEVELOPMENT GMBH, DE
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[54] **TRPV4 ANTAGONISTS**
[54] **ANTAGONISTES DE TRPV4**
[72] BROOKS, CARL, US
[72] CHEUNG, MUI, US
[72] EIDAM, HILARY SCHENCK, US
[72] GOODMAN, KRISTA B., US
[72] HAMMOND, MARLYS, US
[72] HILFIKER, MARK A., US
[72] HOANG, TRAM H., US
[72] PATTERSON, JACLYN R., US
[72] STOY, PATRICK, US
[72] YE, GUOSEN, US
[73] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[51] **Int.Cl. E06B 9/42 (2006.01)**
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[54] **BRAKING MECHANISM FOR A ROLLER SHADE CONTROLLER, CONTROL MECHANISM COMPRISING SAME AND CONTROL HANDLE FOR CONTROLLING SAME**
[54] **MECANISME DE FREINAGE POUR DISPOSITIF DE COMMANDE DE STORE A ROULEAU, MECANISME DE COMMANDE LE COMPORTANT ET POIGNEE DE COMMANDE POUR LE COMMANDER**
[72] BERGAMASCHI, GIOVANNI, IT
[73] ALTEX DECORATION LIMITEE, CA
[86] (2840366)
[87] (2840366)
[22] 2014-01-17
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[51] **Int.Cl. B61F 5/44 (2006.01)**
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[54] **RAILWAY VEHICLE STEERING TRUCK**
[54] **WAGON DE DIRECTION DE VEHICULE FERROVIAIRE**
[72] SHIMOKAWA, YOSHIYUKI, JP
[72] MIZUNO, MASAAKI, JP
[72] YAMANO, TOSHIYO, JP
[72] TERAMAE, TOMOKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **SYSTEM AND METHOD FOR EMITTING OPTICAL PULSES IN VIEW OF A VARIABLE EXTERNAL TRIGGER SIGNAL**
[54] **SYSTEME ET PROCEDE D'EMISSION D'IMPULSIONS OPTIQUES A LA VUE D'UN SIGNAL DE DECLENCHEMENT EXTERNE VARIABLE**
[72] DESBIENS, LOUIS, CA
[72] JACOB, MICHEL, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[86] (2842192)
[87] (2842192)
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[54] **PROCESS OF MANAGED ECOSYSTEM FERMENTATION**
[54] **PROCEDE DE FERMENTATION D'ECOSYSTEME GERE**
[72] CALT, EDWARD ARTHUR, JR., US
[72] TULL, HERBERT GRAHAM, US
[72] TOPOREK, STANLEY SYLVESTER, US
[73] INTEGRATED BIOCHEM, LLC, US
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[51] **Int.Cl. B21C 37/12 (2006.01) B21C 37/20 (2006.01) B21C 37/26 (2006.01)**
[25] EN
[54] **FLEXIBLE TUBE, MANUFACTURING METHOD AND APPARATUS**
[54] **TUBE FLEXIBLE, PROCEDE ET APPAREIL DE FABRICATION**
[72] MCMILLEN, PAUL, CA
[73] MCMILLEN, PAUL, CA
[73] FITZNER, MARC, CA
[85] 2014-01-17
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[30] US (61/366,285) 2010-07-21
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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/06 (2006.01) C09K 8/467 (2006.01)**
[25] EN
[54] **METHODS FOR CEMENTING IN A SUBTERRANEAN FORMATION USING A CEMENT COMPOSITION CONTAINING A SET RETARDER OF A POLYESTER**
[54] **PROCEDES DE CIMENTATION DANS UNE FORMATION SOUTERRAINE UTILISANT UNE COMPOSITION DE CIMENT CONTENANT UN RETARDATEUR DE PRISE A BASE D'UN POLYESTER**
[72] REDDY, B. RAGHAVA, US
[72] FITZGERALD, RUSSEL, US
[72] GAUGLER, DREW, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-22
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[51] **Int.Cl. E04F 13/22 (2006.01) E04F 13/073 (2006.01)**
[25] EN
[54] **LASER CONFIGURED HOOK COLUMN ANCHORS AND ANCHORING SYSTEMS UTILIZING THE SAME**
[54] **ANCRES DE COLONNES A CROCHETS CONFIGURES AU LASER ET SYSTEMES D'ANCRAGE LES UTILISANT**
[72] HOHMANN, RONALD P. JR., US
[72] HOHMANN, RONALD P., US
[73] MITEK HOLDINGS, INC., US
[86] (2843166)
[87] (2843166)
[22] 2014-02-18
[30] US (13/781,200) 2013-02-28

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[25] EN
[54] **LIGHT EMITTING DIODE LUMINAIRE FOR CONNECTION IN SERIES**
[54] **LUMINAIRE A DIODES ELECTROLUMINESCENTES DESTINE A ETRE BRANCHE EN SERIE**
[72] HEBBORN, KEVIN A., US
[72] BOEGE, SAMUAL DAVID, US
[73] DIALIGHT CORPORATION, US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/049205)
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[54] **GRAPHIC ARTICLE**
[54] **ARTICLE GRAPHIQUE**
[72] STEELMAN, RONALD S., US
[72] NIELSEN, JOHN A., US
[72] LYON, KEITH R., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **SYSTEM AND METHOD OF MANUFACTURING COMPOSITE CORE**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'UNE AME COMPOSITE**
[72] KENDRICK, PHILLIP A., US
[72] OLDROYD, PAUL K., US
[72] ARMSTRONG, LEVI H., US
[72] OBERLE, ELIZABETH, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2844020)
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[54] **TUNABLE WIRELESS POWER ARCHITECTURES**
[54] **ARCHITECTURES D'ELECTRICITE SANS FIL REGLABLES**
[72] KARALIS, ARISTEIDIS, US
[72] KESLER, MORRIS P., US
[72] HALL, KATHERINE L., US
[72] PALLO, NATHAN ANDREW, US
[73] WITRICITY CORPORATION, US
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[54] **SYSTEM AND METHOD FOR REAL-TIME LOAD CONTROL OF A WIND TURBINE**
[54] **SYSTEME ET PROCEDE POUR COMMANDER LA CHARGE EN TEMPS REEL D'UNE EOLIENNE**
[72] TIRUMALAI, SURESH S., US
[72] JOHNSON, MARK ANDREW, US
[72] SIVANANTHAM, MOHAN MUTHU KUMAR, IN
[72] RON, GIRIDHAR NAGRAJ, IN
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AND ACCESSING VISUAL PRODUCT REPRESENTATIONS OF A PROJECT**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES REPRESENTATIONS DE PRODUIT VISUELLES D'UN PROJET ET Y ACCEDER**
[72] AGARWAL, SHUBHAM, US
[72] CHUNG, EUI, US
[73] SEARS BRANDS, LLC, US
[86] (2845268)
[87] (2845268)
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[54] **A METHOD AND SYSTEM FOR CONTROLLING WIND TURBINES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE COMMANDER DES EOLIENNES**
[72] BAKER, JONATHON P., US
[73] FRONTIER WIND, LLC, US
[86] (2845432)
[87] (2845432)
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[25] EN
[54] **POROUS SILICON OXIDE DRYING AGENTS FOR WATERBORNE LATEX PAINT COMPOSITIONS**
[54] **AGENTS DE SECHAGE D'OXYDE DE SILICIUM POREUX POUR LES COMPOSITIONS DE PEINTURE AU LATEX A L'EAU**
[72] JEGANATHAN, SURULIAPPA, US
[72] DAVIES, CHRIS, US
[72] GOFORTH, KEVIN, US
[73] POTTERS INDUSTRIES, LLC, US
[86] (2845689)
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[54] **ANTI-OX40 ANTIBODIES AND METHODS OF USING THE SAME**
[54] **ANTICORPS ANTI-OX40 ET LEURS PROCEDES D'UTILISATION**
[72] LIU, YONG-JUN, US
[72] VOO, KUI SHIN, US
[72] BOVER, LAURA, US
[72] TSURUSHITA, NAOYA, US
[72] TSO, J. YUN, US
[72] KUMAR, SHANKAR, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **DUAL MODE FLUSH ACTUATOR**
[54] **DISPOSITIF DE COMMANDE DE CHASSE DOUBLE**
[72] WILSON, JOHN R., US
[72] HERBERT, KAY, US
[72] MO, XIAOXIONG, US
[72] COSTA, ALFRED J., US
[72] ANTHONY, JOSHUA D., US
[72] QUINTUS-BOSZ, HARALD, US
[72] RENNER, KLAUS H., US
[72] KOWALCZYK, MATTHEW THOMAS, US
[72] KINSLEY, JOSHUA P., US
[73] SLOAN VALVE COMPANY, US
[86] (2846529)
[87] (2846529)
[22] 2014-03-14
[30] US (61/789,774) 2013-03-15

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[51] **Int.Cl. G02B 23/14 (2006.01) F41G 1/38 (2006.01) G02B 25/00 (2006.01)**
[25] EN
[54] **COMBINATION OPTICAL AIMING DEVICE FOR PROJECTILE WEAPONS**
[54] **DISPOSITIF DE VISEE OPTIQUE COMBINE POUR ARMES A PROJECTILES**
[72] FEINBERG, RICHARD, US
[73] LEUPOLD & STEVENS, INC., US
[86] (2846792)
[87] (2846792)
[22] 2014-03-13
[30] US (13/838,395) 2013-03-15

[11] **2,847,293**
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[51] **Int.Cl. C07D 263/57 (2006.01) A61K 31/4245 (2006.01)**
[25] EN
[54] **SOLID FORMS OF A TRANSTHYRETIN DISSOCIATION INHIBITOR**
[54] **FORMES SOLIDES D'UN INHIBITEUR DE LA DISSOCIATION DE DERIVES DE TRANSTHYRETINE**
[72] LABAUDINIERE, RICHARD FREDERIC, US
[72] O'NEILL, MICHAEL HENRY, US
[73] PFIZER INC., US
[85] 2014-02-28
[86] 2012-09-12 (PCT/IB2012/054748)
[87] (WO2013/038351)
[30] US (61/535,551) 2011-09-16

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[25] EN
[54] **PROCESSES FOR RECOVERING ORGANIC SOLVENT EXTRACTANT FROM SOLID-STABILIZED EMULSIONS FORMED IN HYDROMETALLURGICAL SOLVENT EXTRACTION CIRCUITS**
[54] **PROCEDES DE RECUPERATION DE SOLVANT D'EXTRACTION ORGANIQUE PROVENANT D'EMULSIONS STABILISEES PAR DES SOLIDES FORMEES DANS DES CIRCUITS HYDROMETALLURGIQUES D'EXTRACTION PAR SOLVANT**
[72] SODERSTROM, MATTHEW D., US
[72] SEXTON, CHRISTOPHER, US
[73] CYTEC TECHNOLOGY CORP., US
[85] 2014-03-03
[86] 2012-08-31 (PCT/US2012/053274)
[87] (WO2013/036440)
[30] US (61/531,074) 2011-09-05

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[25] EN
[54] **PRODUCT MANAGEMENT DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE DE GESTION DE PRODUIT**
[72] HARDY, STEPHEN N., US
[73] RTC INDUSTRIES, INC., US
[85] 2014-03-03
[86] 2012-08-31 (PCT/US2012/053374)
[87] (WO2013/033555)
[30] US (61/530,736) 2011-09-02
[30] US (61/542,473) 2011-10-03
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[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/30 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **ALKOXYLATED ALKYLAMINE QUATERNARY SURFACTANTS FOR GLYPHOSATE**
[54] **TENSIOACTIFS QUATERNAIRES D'ALKYLAMINE ALCOXYLES POUR GLYPHOSATE**
[72] ZHU, SHAWN, US
[72] ABRAHAM, WILLIAM, US
[72] HEMMINGHAUS, JOHN, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2848165)
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[54] **PROVIDING A NETWORK-ACCESSIBLE MALWARE ANALYSIS**
[54] **PRESTATION D'UNE ANALYSE DE PROGRAMME MALVEILLANT ACCESSIBLE EN RESEAU**
[72] MCDOUGAL, MONTY D., US
[72] FORD, BRADLEY T., US
[72] STERNS, WILLIAM E., US
[73] FORCEPOINT FEDERAL LLC, US
[85] 2014-03-13
[86] 2012-09-13 (PCT/US2012/055116)
[87] (WO2013/040181)
[30] US (13/233,804) 2011-09-15

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[51] **Int.Cl. F26B 5/06 (2006.01)**
[25] EN
[54] **ROTARY DRUM FOR USE IN A VACUUM FREEZE-DRYER**
[54] **TAMBOUR ROTATIF DESTINE A ETRE UTILISE DANS UN APPAREIL DE LYOPHILISATION SOUS VIDE**
[72] STRUSCHKA, MANFRED, DE
[72] PLITZKO, MATTHIAS, DE
[72] GEBHARD, THOMAS, DE
[72] LUY, BERNHARD, DE
[73] SANOFI PASTEUR SA, FR
[85] 2014-03-24
[86] 2012-10-04 (PCT/EP2012/004163)
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[30] EP (11 008 109.8) 2011-10-06

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[25] EN
[54] **ELECTRIC STRIKE ASSEMBLY**
[54] **ENSEMBLE GACHE ELECTRIQUE**
[72] SINGH, MANDEEP, CA
[73] RUTHERFORD CONTROLS INT'L INC., CA
[85] 2014-03-26
[86] 2012-10-09 (PCT/CA2012/050710)
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[30] US (61/545,384) 2011-10-10

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[25] EN
[54] **TOOL FOR COUPLING FLUID LINES**
[54] **OUTIL POUR RACCORDEMENT DE CONDUITES DE FLUIDE**
[72] PEIRCE, JOHN M., US
[73] AMERICAN GREASE STICK COMPANY, US
[85] 2014-03-28
[86] 2012-10-17 (PCT/US2012/060505)
[87] (WO2013/059242)
[30] US (61/548,472) 2011-10-18
[30] US (61/594,661) 2012-02-03

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[51] **Int.Cl. F04D 13/08 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01) F04D 29/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **ROD DRIVEN CENTRIFUGAL PUMPING SYSTEM FOR ADVERSE WELL PRODUCTION**
[54] **MECANISME DE POMPAGE CENTRIFUGE A TIGE POUR PRODUCTION DE PUITS EN TOUT TEMPS**
[72] FOUILLARD, PHIL, CA
[72] PART, DARREN, CA
[72] NOBLE, EVAN, CA
[73] OILFIELD EQUIPMENT DEVELOPMENT CENTER LIMITED, SC
[73] WEATHERFORD/LAMB, INC., US
[86] (2850954)
[87] (2850954)
[22] 2014-05-05
[30] US (14/265,867) 2014-04-30

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[13] C
[51] **Int.Cl. D21F 3/06 (2006.01) D21F 3/08 (2006.01) D21G 1/02 (2006.01) G01B 3/56 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DETERMINING THE ANGULAR POSITION OF A ROTATING ROLL**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE LA POSITION ANGULAIRE D'UN ROULEAU ROTATIF**
[72] CANTRELL, CLIFFORD BRUCE, US
[73] STOWE WOODWARD LICENSCO, LLC, US
[85] 2014-04-07
[86] 2013-01-16 (PCT/US2013/021745)
[87] (WO2013/109629)
[30] US (61/587,361) 2012-01-17

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[51] **Int.Cl. C09J 121/00 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **ADHESIVE TAPE FOR CAR**
[54] **BANDE ADHESIVE POUR VOITURE**
[72] JANG, AE JUNG, KR
[72] KIM, JANG SOON, KR
[72] YOO, SEUNG MIN, KR
[73] LG CHEM, LTD., KR
[85] 2014-04-08
[86] 2012-10-11 (PCT/KR2012/008260)
[87] (WO2013/055122)
[30] KR (10-2011-0103502) 2011-10-11

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[13] C
[51] **Int.Cl. A01K 1/015 (2006.01) E04C 3/29 (2006.01) E04F 15/10 (2006.01) F16K 15/14 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE WITH A SLATTED FLOOR**
[54] **APPAREIL CONCU POUR ETRE UTILISE AVEC UN CAILLEBOTIS**
[72] MOONEY, PATRICK ROY, IE
[72] DUNNE, ANTHONY, IE
[72] MCELLIGOTT, MARTIN, IE
[72] HOWLIN, EDWARD AKA HOWLIN, EAMONN, IE
[72] O'HARE, STUART, IE
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[72] LIU, MING-CHANG, US
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[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
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[72] DURSTOCK, DANIEL LEE, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SIGNALISATION D'INFORMATIONS VIDEO TRIDIMENSIONNELLES DANS DES RESEAUX DE COMMUNICATION**
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[73] INTEL CORPORATION, US
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[54] **GEARBOX SUPPORTING MEANS OF A WIND TURBINE, WIND TURBINE AND METHOD FOR MAINTAINING A GEARBOX SUPPORTING MEANS**
[54] **SUPPORT D'ENGRENAGE D'UNE EOLIENNE, EOLIENNE ET PROCEDE DE MAINTENANCE D'UN SUPPORT DE TRANSMISSION**
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[73] SENVION SE, DE
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[72] BARBIERI, ALAN, US
[72] JI, TINGFANG, US
[72] AGASHE, PARAG ARUN, US
[72] WEI, YONGBIN, US
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[54] **CONVERSION CATALYTIQUE D'ACIDE HYDROXYPROPIONIQUE OU DE SES DERIVES EN ACIDE ACRYLIQUE OU SES DERIVES**
[72] LINGOES, JANETTE VILLALOBOS, US
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] GODLEWSKI, JANE ELLEN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODE ET DISPOSITIF D'INSTALLATION DE FIXATION DOTE DE PROTECTION CONTRE LES EFFETS FERROMAGNETIQUES**
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[73] THE BOEING COMPANY, US
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[54] **SYSTEME ET PROCEDE RELATIFS A LA GRAVITE D'UNE PERTURBATION CAUSEE PAR UN ENTRETIEN IMPREVU ET A LA PRISE DE DECISION DE VOL**
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[72] ARROW, KEVIN, US
[73] THE BOEING COMPANY, US
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[54] **PROCEDE POUR PRODUIRE DE L'ACIDE ACRYLIQUE OU SES DERIVES**
[72] GODLEWSKI, JANE ELLEN, US
[72] LINGOES, JANETTE VILLALOBOS, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] VELASQUEZ, JUAN ESTEBAN, US
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[54] **GARNITURE D'ETANCHEITE, SYSTEME D'ETANCHEITE ET PROCEDE D'ETANCHEITE**
[72] RICHARD, BENNETT M., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **COMPOSITION SOLIDE DE SEL D'AMINO CARBOXYLATE**
[72] TAJIRI, SHINICHIRO, JP
[72] TAKEMURA, MASAMI, JP
[72] YOSHINAGA, SHINJI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **APPARATUS AND METHOD FOR ASSEMBLING A DAMPER BEARING ASSEMBLY**
[54] **APPAREIL ET PROCEDE POUR ASSEMBLER UN ENSEMBLE PALIER D'AMORTISSEUR**
[72] CARTER, BRUCE ALAN, US
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] DRUMMOND, STEPHANIE FRANCES, US
[72] NEMA, VIVEK, IN
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **SYSTEM AND METHOD OF LIMITING AXIAL MOVEMENT BETWEEN A HANGER AND A FAIRING ASSEMBLY IN A TURBINE ASSEMBLY**
[54] **SYSTEME ET PROCEDE POUR LIMITER LE MOUVEMENT AXIAL ENTRE UN ETRIER ET UN ENSEMBLE CARENAGE DANS UN ENSEMBLE TURBINE**
[72] DREISCHARF, DEREK THOMAS, US
[72] PEGAN, COURTLAND EARL, JR., US
[72] RYCZEK, SCOTT PATRICK, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **ELECTRIC ACTUATOR FOR COKE DRUM UNHEADING VALVE**
[54] **ACTIONNEUR ELECTRIQUE POUR VANNE DE FERMETURE DE RESERVOIR A COKE**
[72] ORINO, CHRISTOPHER, US
[72] LAH, RUBEN F., US
[73] ORINO, CHRISTOPHER, US
[73] LAH, RUBEN F., US
[73] DELTAVALVE, LLC, US
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[25] EN
[54] **DERIVATIVES OF FLUORENE, ANTHRACENE, XANTHENE, DIBENZOSUBERONE AND ACRIDINE AND USES THEREOF**
[54] **DERIVES DU FLUORENE, DE L'ANTHRACENE, DU XANTHENE, DU DIBENZOSUBERONE ET DE L'ACRIDINE ET LEURS UTILISATIONS**
[72] CHOLODY, WIESLAW M., US
[72] ZANG, YI, US
[72] ZUCK, KARINA, US
[72] WATTHEY, JEFFREY W. H., US
[72] OHLER, ZOE, US
[72] STROVEL, JEFFREY, US
[72] OHLER, GENE, US
[72] CHELLAPPAN, SHEELA, US
[72] PADIA, JANAK, US
[73] DOGWOOD PHARMACEUTICALS, INC., US
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[54] **METHOD FOR PRODUCING A METAL SHEET HAVING ZN-AL-MG COATINGS, COMPRISING THE APPLICATION OF AN ACID SOLUTION AND AN ADHESIVE, AND CORRESPONDING METAL SHEET AND ASSEMBLY**
[54] **PROCEDE DE REALISATION D'UNE TOLE A REVETEMENTS ZNALMG COMPRENANT L'APPLICATION D'UNE SOLUTION ACIDE ET D'UN ADHESIF, TOLE ET ASSEMBLAGE CORRESPONDANTS**
[72] RICHARD, JOELLE, FR
[72] JACQUESON, ERIC, FR
[72] LHERMEROULT, AUDREY, FR
[72] FELTIN, PASCALE, FR
[72] LEMAIRE, JEAN-MICHEL, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
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[51] **Int.Cl. C09C 1/36 (2006.01) C01G 23/04 (2006.01) C09C 3/04 (2006.01)**
[25] EN
[54] **MANUFACTURE OF TITANIUM DIOXIDE PIGMENTS USING ULTRASONICATION**
[54] **PROCEDE DE PRODUCTION DE PIGMENTS DE DIOXYDE DE TITANE A L'AIDE D'ULTRASONS**
[72] GOPARAJU, VENKATA RAMA RAO, US
[72] MARSHALL, DAVID F., US
[72] KAZEROONI, VAHID, US
[73] TRONOX LLC, US
[85] 2014-10-27
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[54] **MULTI-AXIS INDUSTRIAL ROBOT WITH INTEGRATED TOOL**
[54] **ROBOT INDUSTRIEL A AXES MULTIPLES AYANT UN OUTIL INCORPORE**
[72] FERRERO, FULVIO, IT
[72] MAULETTI, ENRICO, IT
[73] COMAU S.P.A., IT
[85] 2014-10-28
[86] 2013-05-09 (PCT/IB2013/053759)
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[25] EN
[54] **METHOD OF MANUFACTURING HYDROGEL OPHTHALMIC DEVICES WITH ELECTRONIC ELEMENTS**
[54] **PROCEDE DE FABRICATION DE DISPOSITIFS OPHTALMIQUES A BASE D'HYDROGEL AVEC ELEMENTS ELECTRONIQUES**
[72] PUGH, RANDALL BRAXTON, US
[72] PUTT, KARSON, US
[72] FERRAN, MICHAEL, US
[72] HARDY, KATHERINE ROWAN, US
[72] OTTS, DANIEL B., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **SNOW PLOW-BLOWER**
[54] **SOUFFLANTE DE CHASSE-NEIGE**
[72] FAVORITO, PAUL, US
[72] MARINO, FRANCESCO, US
[73] FAVORITO, PAUL, US
[73] MARINO, FRANCESCO, US
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[25] EN
[54] **SURFACE-DRIVEN PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE A ENTRAINEMENT EN SURFACE**
[72] MARKOVITCH, PETER T., CA
[72] CARDINAL, LARRY, CA
[73] DALMATIAN HUNTER HOLDINGS LTD., CA
[86] (2872220)
[87] (2872220)
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[51] **Int.Cl. H01L 21/66 (2006.01) G01R 31/36 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR PROBE, TESTING DEVICE AND TESTING METHOD FOR TESTING QUANTUM BATTERY**
[54] **SONDE A SEMI-CONDUCTEURS DESTINEE A TESTER UNE CELLULE QUANTIQUE, DISPOSITIF DE TEST ET PROCEDE DE TEST**
[72] DEWA, HARUTADA, JP
[72] HIWADA, KIYOYASU, JP
[72] NAKAZAWA, AKIRA, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD, JP
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[51] **Int.Cl. E21B 43/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ASSESSING A WELLBORE SERVICING FLUID OR A COMPONENT THEREOF**
[54] **SYSTEME ET PROCEDE D'EVALUATION D'UN FLUIDE DE SERVICE DE PUITS DE FORAGE OU D'UN COMPOSANT DE CELUI-CI**
[72] LAWSON MOHAR, JEANIE LYNN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-30
[86] 2013-06-03 (PCT/US2013/043932)
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[51] **Int.Cl. E04B 1/94 (2006.01) E04C 3/36 (2006.01)**
[25] EN
[54] **WOODEN BUILDING MEMBER**
[54] **ELEMENT DE CONSTRUCTION EN BOIS**
[72] KIMURA, KAZUYOSHI, JP
[72] ADACHI, HIROYUKI, JP
[73] SHELTER CO., LTD., JP
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[87] (2872738)
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[25] EN
[54] **PLASTIC CONTAINER AND LID**
[54] **CONTENANT EN PLASTIQUE ET COUVERCLE**
[72] CAMPBELL, N. KENNETH, US
[72] SCHOLL, DARREN, US
[72] RUKVINA, KEITH, US
[73] KW CONTAINER, US
[85] 2014-12-05
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[54] **CORTICAL BONE PIN**
[54] **TIGE OSSEUSE CORTICALE**
[72] CHEN, JINGSONG, US
[72] SANDER, THOMAS, US
[72] PHELPS, DENNIS L., US
[72] PRITCHARD, ANDY, US
[72] BRACONE, ROBERTO, US
[73] LIFENET HEALTH, US
[85] 2014-11-21
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[54] **A MULTIFORMAT DIGITAL AUDIO INTERFACE**
[54] **INTERFACE AUDIO NUMERIQUE MULTIFORMAT**
[72] POULSEN, JENS KRISTIAN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-11-27
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[30] US (61/714,156) 2012-10-15
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[25] EN
[54] **FLUID CONDUIT**
[54] **CONDUITE DE FLUIDE**
[72] WOLFE, JARED MATTHEW, US
[72] BROWN, JOSHUA DANIEL, US
[72] PORANSKI, CHRISTOPHER FRANCIS, US
[72] CONDRAC, EDWARD J., US
[72] MARTELL, RAYMOND FLOYD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-12-04
[86] 2013-06-14 (PCT/US2013/045766)
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[30] US (61/660,533) 2012-06-15

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[51] **Int.Cl. B01J 19/02 (2006.01) B22D 35/00 (2006.01) B22D 41/02 (2006.01)**
[25] EN
[54] **RECEPTACLE FOR HANDLING MOLTEN METAL, CASTING ASSEMBLY AND MANUFACTURING METHOD**
[54] **RECEPTACLE POUR MANIPULER DU METAL FONDU, ENSEMBLE DE MOULAGE ET PROCEDE DE FABRICATION**
[72] TREMBLAY, SYLVAIN, CA
[72] BOUCHARD, JENS, CA
[72] BOUCHARD, MICHAEL, CA
[73] PYROTEK INC., US
[85] 2014-12-12
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[13] C
[51] **Int.Cl. H01R 4/66 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **PUSH-ON TYPE GROUNDING BUSHING**
[54] **RACCORDEMENT DE MISE A LA TERRE DE TYPE A POUSSER**
[72] SMITH, LAWRENCE J., US
[73] BRIDGEPORT FITTINGS, INC., US
[86] (2876625)
[87] (2876625)
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[30] US (14/262,946) 2014-04-28

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[25] EN
[54] **COMPRESSED ELECTRON-HOLE GAS/LIQUID ENERGY STORGE**
[54] **STOCKAGE COMPRIME D'ENERGIE LIQUIDE/GAZ ELECTRON-TROU**
[72] IVANNIKOV, VSEVOLOD V.I., CA
[73] IVANNIKOV, VSEVOLOD V.I., CA
[86] (2876873)
[87] (2876873)
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[51] **Int.Cl. B64D 45/04 (2006.01)**
[25] EN
[54] **LANDING ALERTS FOR PREVENTING RUNWAY EXCURSIONS**
[54] **ALERTES D'ATTERRISSAGE SERVANT A PREVENIR LES SORTIES DE PISTE**
[72] HENDERSON, MARK, US
[73] THE BOEING COMPANY, US
[86] (2876889)
[87] (2876889)
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[25] EN
[54] **MODULAR PLASTIC FORMWORK SYSTEM FOR WALL TOP**
[54] **SYSTEME DE COFFRAGE PLASTIQUE MODULAIRE POUR HAUT DE MUR**
[72] LIN, QINGYUN, CN
[72] WANG, JIANJUN, CN
[72] LI, LINGUANG, CN
[72] TANG, LI, CN
[73] GUANGZHOU ECHOM FORM&ENGI CO., LTD., CN
[85] 2014-12-30
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[51] **Int.Cl. C07D 207/08 (2006.01) C07B 53/00 (2006.01) C07F 7/10 (2006.01) C07H 21/04 (2006.01) C07H 23/00 (2006.01)**
[25] EN
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[54] **GROUPE AUXILIAIRE ASYMETRIQUE**
[72] SHIMIZU, MAMORU, JP
[72] WADA, TAKESHI, JP
[73] WAVE LIFE SCIENCES JAPAN, INC., JP
[85] 2015-01-13
[86] 2013-07-12 (PCT/JP2013/004303)
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[30] US (61/671,652) 2012-07-13

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[51] **Int.Cl. E21B 47/008 (2012.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **MONITORING, DIAGNOSING AND OPTIMIZING GAS LIFT OPERATIONS**
[54] **SURVEILLANCE, DIAGNOSTIC ET OPTIMISATION D'OPERATIONS D'EXTRACTION AU GAZ**
[72] QUERALES, MAIQUEL MANUEL, US
[72] VILLAMIZAR, MIGUEL, US
[72] CARVAJAL, GUSTAVO, US
[72] VELLANKI, RAMA KRISHNA, US
[72] MORICCA, GIUSEPPE, IT
[72] CULLICK, ALVIN STANLEY, US
[72] RODRIGUEZ, JOSE, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[30] US (61/678,069) 2012-07-31
[30] US (13/711,815) 2012-12-12

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[51] **Int.Cl. H01M 8/0265 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM WITH CATHODE FLOW FIELD VARIATION**
[54] **SYSTEME DE PILE A COMBUSTIBLE A VARIATION DE CHAMP D'ECOULEMENT DE LA CATHODE**
[72] MONTIE, GREG, CA
[72] REDLICH, RODNEY BRUCE, CA
[72] LEGER, DAVID EARL, CA
[73] LOOP ENERGY INC., CA
[86] (2880560)
[87] (2880560)
[22] 2005-12-29
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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **STRUCTURES AND COMPOSITIONS INCREASING THE STABILITY OF PEROXIDE ACTIVES**
[54] **STRUCTURES ET COMPOSITIONS AUGMENTANT LA STABILITE D'ACTIFS DE PEROXYDES**
[72] GOODHART, LESLE MARIE, US
[72] BERNHEIM, SUE ELLEN, US
[72] SAGEL, PAUL ALBERT, US
[72] RALSTON, CHRISTOPHER SCOTT, US
[72] WALDEN, GARY LYLE, US
[72] SHAHIDI, HOOMAN, US
[72] SUNBERG, RICHARD JOSEPH, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2880654)
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[22] 2001-06-14
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[54] **ERGONOMIC CENTRAL WORKING PLATFORM FOR DRILLING EQUIPMENT**
[54] **PLATEFORME DE TRAVAIL CENTRALE ERGONOMIQUE POUR EQUIPEMENT DE FORAGE**
[72] DOYON, MARTIN, CA
[73] DOYON, MARTIN, CA
[86] (2880877)
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[22] 2015-02-02

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[13] C
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[25] EN
[54] **METHOD AND APPARATUS FOR CO-CURING COMPOSITE SKINS AND STIFFENERS IN AN AUTOCLAVE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE CO-DURCIR DES PEAUX ET DES DURCISSEURS COMPOSITES DANS UN AUTOCLAVE**
[72] STEPHENS, JEFFREY SCOTT, US
[72] BYE, STEVEN DOUGLAS, US
[72] DAY, DAN, US
[73] THE BOEING COMPANY, US
[85] 2015-02-03
[86] 2013-08-28 (PCT/US2013/057089)
[87] (WO2014/055180)
[30] US (13/644,587) 2012-10-04

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[51] **Int.Cl. A61L 2/16 (2006.01) A61L 2/24 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **CONTAINER FOR WASHING, STERILIZATION, TRANSPORTATION AND STERILE STORAGE OF ARTICLES**
[54] **RECIPIENT DESTINE AU LAVAGE, A LA STERILISATION, AU TRANSPORT ET AU STOCKAGE STERILE D'ARTICLES**
[72] ZWINGENBERGER, ARTHUR, CH
[72] BIERMANN, ROBERT, CA
[72] SUN, ANDY KWAN-LEUNG, CA
[73] SCICAN LTD., CA
[85] 2015-02-06
[86] 2013-08-07 (PCT/CA2013/050605)
[87] (WO2014/022933)
[30] US (61/680,482) 2012-08-07

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[13] C
[51] **Int.Cl. A01D 46/00 (2006.01)**
[25] EN
[54] **AIR BLAST SOFT FRUIT HARVESTING DEVICE**
[54] **DISPOSITIF DE RECOLTE DE FRUITS MOUS A SOUFFLE D'AIR**
[72] KOKANOVIC, MOMCILO, RS
[72] KOKANOVIC, MIODRAG, RS
[72] KOKANOVIC, MARKO, RS
[73] KOKANOVIC, MOMCILO, RS
[73] KOKANOVIC, MIODRAG, RS
[73] KOKANOVIC, MARKO, RS
[85] 2015-02-09
[86] 2013-08-30 (PCT/RS2013/000017)
[87] (WO2014/035273)
[30] RS (P-2012/0374) 2012-08-30

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[51] **Int.Cl. E21B 47/06 (2012.01) E21B 47/007 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **WELL TOOL PRESSURE TESTING**
[54] **TEST DE PRESSION D'OUTIL DE PUITS**
[72] NEEDHAM, DAVID B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-11
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[87] (WO2014/051595)

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[13] C
[51] **Int.Cl. G05D 16/20 (2006.01) F04B 49/06 (2006.01) F04C 14/08 (2006.01) F04D 15/00 (2006.01) F15C 3/02 (2006.01) F16K 17/06 (2006.01) F16K 31/124 (2006.01) G05D 7/06 (2006.01) G05D 16/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR REGULATION AND CONTROL OF WATER PRESSURE AND FLOW RATE IN A HIGH PRESSURE WATER APPLICATION**
[54] **SYSTEME DE REGULATION ET CONTROLE DE PRESSION D'EAU ET DE DEBIT DANS UN RESEAU D'EAU HAUTE PRESSION**
[72] PETTAY, MICHAEL K., US
[73] ALAMO GROUP INC., US
[86] (2882163)
[87] (2882163)
[22] 2015-02-18
[30] US (61/942,424) 2014-02-20
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[25] EN
[54] **SYSTEM FOR LATCHING AND LOCKING A FOLDABLE AIRFOIL**
[54] **SYSTEME DE LOQUET ET VERROU POUR UN PROFIL AERODYNAMIQUE PLIABLE**
[72] LASSEN, MATTHEW A., US
[72] OSTROM, NICHOLAS A., US
[72] WEAVER, JARED D., US
[72] WHITT, DANIEL R., US
[73] THE BOEING COMPANY, US
[86] (2882419)
[87] (2882419)
[22] 2015-02-18
[30] US (14/262,608) 2014-04-25

[11] **2,882,473**
[13] C
[51] **Int.Cl. B60K 15/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING A FUEL TANK ENVIRONMENT**
[54] **MECANISMES ET METHODES DE CONTROLE D'UN ENVIRONNEMENT DE RESERVOIR DE CARBURANT**
[72] HEATH, JONATHAN CHRISTOPHER, US
[73] THE BOEING COMPANY, US
[86] (2882473)
[87] (2882473)
[22] 2015-02-19
[30] US (14/223749) 2014-03-24

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[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR PERFORMING FACIAL RECOGNITION**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR EFFECTUER UNE RECONNAISSANCE FACIALE**
[72] MILLER, TRENT J., US
[72] BEKIARES, TYRONE D., US
[72] CLAYTON, RICHARD M., US
[72] COLLINS, TIMOTHY J., US
[72] MONKS, DEBORAH J., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-02-20
[86] 2013-08-20 (PCT/US2013/055732)
[87] (WO2014/039238)
[30] US (13/603,528) 2012-09-05

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[25] EN
[54] **METHOD AND APPARATUS FOR MOTION VECTOR DETERMINATION IN VIDEO ENCODING OR DECODING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2883047)
[87] (2883047)
[22] 2012-11-08
[62] 2,854,887
[30] US (61/557,133) 2011-11-08

[11] **2,883,107**
[13] C
[51] **Int.Cl. C08F 2/01 (2006.01) C08F 20/56 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING POLYMERS**
[54] **PROCEDE DE PRODUCTION DE POLYMERES**
[72] KEELAPANDAL RAMAMOORTHY, SHANKARA NARAYANAN, DE
[72] SOETJE, OLIVER, DE
[72] BARRATT, JOHN SCOTT, GB
[72] FONSECA ZEPEDA, GABRIELA EUGENIA, DE
[73] BASF SE, DE
[85] 2015-02-24
[86] 2013-09-23 (PCT/IB2013/058769)
[87] (WO2014/049513)
[30] US (61/705647) 2012-09-26
[30] EP (12186016.7) 2012-09-26

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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/34 (2014.01) H04N 19/44 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION VECTOR DETERMINATION IN VIDEO ENCODING OR DECODING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2883363)
[87] (2883363)
[22] 2012-11-08
[62] 2,854,887
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[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE RECOVERY UNIT**
[54] **DISPOSITIF DE RECUPERATION DE DIOXYDE DE CARBONE**
[72] NAKAYAMA, KOJI, US
[72] YONEKAWA, TAKAHITO, US
[72] INUI, MASAYUKI, US
[72] TSUJIUCHI, TATSUYA, US
[72] SORIMACHI, YOSHIKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-04
[86] 2013-09-12 (PCT/JP2013/074767)
[87] (WO2014/046018)
[30] US (13/623495) 2012-09-20

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[13] C
[51] **Int.Cl. H02M 1/00 (2007.10) F03D 7/00 (2006.01) G05B 19/05 (2006.01) G08C 19/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CONTROLLING AN ELECTRONIC COMPONENT OF A WIND TURBINE USING CONTINGENCY COMMUNICATIONS**
[54] **SYSTEME ET METHODE DE CONTROLE D'UN COMPOSANT ELECTRONIQUE D'UNE EOLIENNE A L'AIDE DE COMMUNICATIONS D'EVENTUALITE**
[72] SEYMOUR, ROBERT ALLEN, US
[72] NOWAK, JAMES MICHAEL, US
[72] SMITH, DAVID, US
[72] TACKMAN, TERRY MICHAEL, US
[72] RITTER, ALLEN MICHAEL, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2884649)
[87] (2884649)
[22] 2015-03-12
[30] US (14/221,566) 2014-03-21

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[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **SWING TRAINING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT A L'ELAN DE GOLF**
[72] HJERTSTEDT, GABRIEL, US
[73] HJERTSTEDT, GABRIEL, US
[86] (2885077)
[87] (2885077)
[22] 2015-03-16
[30] US (14/220,458) 2014-03-20

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[51] **Int.Cl. G01B 7/04 (2006.01) G01R 33/04 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **MEASUREMENT OF LAY LENGTH OF WIRE ROPE**
[54] **MESURE DE LONGUEUR UTILE DE CABLE METALLIQUE**
[72] OUELLETTE, SYLVAIN, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[85] 2015-03-19
[86] 2012-10-04 (PCT/CA2012/050701)
[87] (WO2014/053047)

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[51] **Int.Cl. B07B 1/48 (2006.01) B07B 1/28 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUSES FOR SCREENING**
[54] **PROCEDE ET APPAREILS DE TAMISAGE**
[72] NEWMAN, CHRISTIAN, US
[72] WOJCIECHOWSKI, KEITH, US
[73] DERRICK CORPORATION, US
[85] 2015-04-09
[86] 2012-10-17 (PCT/US2012/060587)
[87] (WO2014/062177)
[30] US (13/653,887) 2012-10-17

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[51] **Int.Cl. F21V 33/00 (2006.01) B05B 17/08 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **LIGHTED WATERFALL DEVICE**
[54] **DISPOSITIF DE CASCADE ECLAIREE**
[72] VOGTNER, ZACHARY, US
[72] SIMPSON, RICHARD, US
[73] CUSTOM MOLDED PRODUCTS, INC., US
[85] 2015-04-28
[86] 2013-10-21 (PCT/US2013/065817)
[87] (WO2014/070491)
[30] US (13/663,988) 2012-10-30

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[13] C
[51] **Int.Cl. A47B 5/02 (2006.01) A47B 3/10 (2006.01) A47B 5/04 (2006.01)**
[25] EN
[54] **FOLDING AND UNFOLDING STRUCTURE FOR HANGING TABLE**
[54] **STRUCTURE DE PLIAGE ET DEPLOIEMENT DESTINEE A UNE TABLE SUSPENDUE**
[72] LIU, LAUSAN CHUNG-HSIN, CN
[72] LIU, SHOPO HSIN TSU, CN
[72] LIU, FIBRO TSU KUN, CN
[73] KEYSHEEN INDUSTRY (SHANGHAI) CO., LTD., CN
[86] (2892112)
[87] (2892112)
[22] 2015-05-19

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[13] C
[51] **Int.Cl. G06K 7/01 (2006.01)**
[25] EN
[54] **SELF-OPTIMIZING METHOD OF AND SYSTEM FOR EFFICIENTLY DEPLOYING RADIO FREQUENCY IDENTIFICATION (RFID) TAG READERS IN A CONTROLLED AREA CONTAINING RFID-TAGGED ITEMS TO BE MONITORED**
[54] **PROCEDE D'AUTO-OPTIMISATION ET SYSTEME POUR METTRE EN PLACE EFFICACEMENT DES LECTEURS D'ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) DANS UNE ZONE CONTROLEE CONTENANT DES ELEMENTS A ETIQUETTES RFID DEVANT ETRE SURVEILLES**
[72] STERN, MIKLOS, US
[72] BEKRITSKY, BENJAMIN J., IL
[72] JOSHI, NARENDRA, US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2015-06-10
[86] 2013-11-25 (PCT/US2013/071587)
[87] (WO2014/092988)
[30] US (13/715,305) 2012-12-14

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[51] **Int.Cl. F01N 3/24 (2006.01)**
[25] EN
[54] **EXHAUST GAS PURIFICATION DEVICE**
[54] **DISPOSITIF DE PURIFICATION DE GAZ D'ECHAPPEMENT**
[72] NAGATA, YOSHINOBU, JP
[72] UMENO, YASUFUMI, JP
[73] FUTABA INDUSTRIAL CO., LTD., JP
[85] 2015-06-19
[86] 2013-11-21 (PCT/JP2013/081400)
[87] (WO2014/097815)
[30] JP (2012-279607) 2012-12-21

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[13] C
[51] **Int.Cl. C10B 29/00 (2006.01) C10B 21/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING AIR DISTRIBUTION IN A COKE OVEN**
[54] **SYSTEMES ET PROCEDES POUR REGULER LA DISTRIBUTION D'AIR DANS UN FOUR A COKE**
[72] QUANCI, JOHN FRANCIS, US
[72] KAPOOR, RAJAT, US
[72] BALL, MARK ANTHONY, US
[72] CHOI, CHUN WAI, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC., US
[85] 2015-06-25
[86] 2012-12-28 (PCT/US2012/072173)
[87] (WO2014/105064)

[11] 2,896,695
[13] C
[51] **Int.Cl. B64D 15/20 (2006.01) B64D 43/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETECTING FROST IN THE AIR INTAKE OF A TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE GIVRAGE D'UNE ENTREE D'AIR D'UN TURBOMOTEUR**
[72] ROSSOTTO, REGIS, FR
[72] CAMHI, EMMANUEL, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2896695)
[87] (2896695)
[22] 2015-07-09
[30] FR (14 01738) 2014-07-29

[11] 2,897,004
[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61P 31/14 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **(HETERO) ARYLACETAMIDE DERIVATIVES AS ANTIRETROVIRAL AGENTS**
[54] **DERIVES DE (HETERO)ARYLACETAMIDE SERVANT D'AGENTS ANTIRETROVIRAUX**
[72] BRIZGYS, GEDIMINAS, US
[72] CHOU, CHIEN-HUNG, US
[72] HALCOMB, RANDALL L., US
[72] HU, YUNFENG ERIC, US
[72] LIU, QI, US
[72] SOMOZA, JOHN R., US
[72] TSE, WINSTON C., US
[72] ZHANG, JENNIFER R., US
[73] GILEAD SCIENCES, INC., US
[85] 2015-06-30
[86] 2014-01-09 (PCT/US2014/010938)
[87] (WO2014/110297)
[30] US (61/750,763) 2013-01-09

[11] 2,899,341
[13] C
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 68/00 (2009.01)**
[25] EN
[54] **PERSONALLY ATTENDED SERVICE NOTIFICATION BASED ON TEMPORAL AND SPATIAL PROXIMITY**
[54] **NOTIFICATION DE SERVICES AVEC PRESENCE DE PERSONNEL SUR LA BASE D'UNE PROXIMITE SPATIO-TEMPORELLE**
[72] LEFKOWITZ, HOWARD, US
[73] LEFKOWITZ, HOWARD, US
[85] 2015-07-24
[86] 2014-02-20 (PCT/US2014/017275)
[87] (WO2014/130615)
[30] US (61/767,080) 2013-02-20
[30] US (14/184,410) 2014-02-19

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[13] C
[51] **Int.Cl. B29C 59/04 (2006.01) B29C 33/10 (2006.01) B29C 33/42 (2006.01) H01L 21/027 (2006.01)**
[25] EN
[54] **ROLLER DEVICE USING SUCTION ROLLER, AND PRODUCTION METHOD FOR MEMBER HAVING UNEVEN STRUCTURE AND PRODUCTION METHOD FOR ORGANIC ELECTRO-LUMINESCENCE (EL) ELEMENT**
[54] **DISPOSITIF DE ROULEAU EMPLOYANT UN ROULEAU D'ASPIRATION ET METHODE DE PRODUCTION D'UN ELEMENT PRESENTANT UNE STRUCTURE INEGALE ET METHODE DE PRODUCTION D'UN ELEMENT ELECTROLUMINESCENT ORGANIQUE**
[72] TAKAHASHI, MADOKA, JP
[72] TORIYAMA, SHIGETAKA, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2015-08-06
[86] 2014-02-04 (PCT/JP2014/052477)
[87] (WO2014/123093)
[30] JP (2013-023239) 2013-02-08

[11] 2,900,995
[13] C
[51] **Int.Cl. A61L 2/28 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) G01N 21/63 (2006.01) G01N 21/64 (2006.01) G01N 33/24 (2006.01) G01J 3/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR OPTICAL DETECTION OF BIO-CONTAMINANTS**
[54] **PROCEDE ET APPAREIL DE DETECTION OPTIQUE DE CONTAMINANTS BIOLOGIQUES**
[72] ROCHETTE, DANIEL, US
[72] GALLANT, PASCAL, CA
[72] MERMUT, OZGE, CA
[72] BARIBEAU, FRANCOIS, CA
[72] NOISEUX, ISABELLE, CA
[72] GOSSELIN, ISABELLE, CA
[73] STERIS INC., US
[73] INSTITUT NATIONAL D'OPTIQUE / NATIONAL OPTICS INSTITUTE, CA
[85] 2015-08-11
[86] 2014-02-14 (PCT/US2014/016344)
[87] (WO2014/133782)
[30] US (13/777,053) 2013-02-26

[11] **2,901,716**
[13] C
[51] **Int.Cl. F17D 1/18 (2006.01)**
[25] EN
[54] **HEATED FLOW CONDITIONING SYSTEM AND METHODS OF USING SAME**
[54] **SYSTEME DE CONDITIONNEMENT DE FLUX CHAUFFE ET METHODE D'UTILISATION ASSOCIEE**
[72] SAWCHUK, DANIEL A., CA
[72] SELIRIO, REGINALD, CA
[73] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
[86] (2901716)
[87] (2901716)
[22] 2015-08-27
[30] US (62/044,485) 2014-09-02
[30] US (14/825,208) 2015-08-13

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[51] **Int.Cl. B22C 9/04 (2006.01)**
[25] EN
[54] **METHOD OF USING A REFRACTORY MOLD**
[54] **PROCEDE D'UTILISATION D'UN MOULE REFRACTAIRE**
[72] FARKAS, ATTILA P., US
[73] METAL CASTING TECHNOLOGY, INC., US
[85] 2015-08-21
[86] 2014-02-07 (PCT/US2014/015271)
[87] (WO2014/149219)
[30] US (13/835,271) 2013-03-15

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[51] **Int.Cl. A61K 31/192 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **USE OF BENZOIC ACID SALT IN THE MANUFACTUE OF A COMPOSITION FOR PREVENTING OR TREATING DEMENTIA OR MILD COGNITIVE IMPAIRMENT**
[54] **UTILISATION DE SEL D'ACIDE BENZOIQUE DANS LA FABRICATION D'UNE COMPOSITION DESTINEE A PREVENIR OU TRAITER LA DEMENCE OU UN TROUBLE COGNITIF LEGER**
[72] LANE, HSIEN-YUAN, TW
[72] LIN, CHIEH-HSIN, TW
[73] KAOHSIUNG CHANG GUNG MEMORIAL HOSPITAL, TW
[73] CHINA MEDICAL UNIVERSITY, TW
[85] 2015-09-02
[86] 2014-03-24 (PCT/SG2014/000140)
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[51] **Int.Cl. G10L 19/028 (2013.01) G10L 19/012 (2013.01) G10L 19/16 (2013.01)**
[25] EN
[54] **AUDIO CODEC USING NOISE SYNTHESIS DURING INACTIVE PHASES**
[54] **CODEC AUDIO UTILISANT UNE SYNTHESE DU BRUIT DURANT DES PHASES INACTIVES**
[72] SETIAWAN, PANJI, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] WILDE, STEPHAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2903681)
[87] (2903681)
[22] 2012-02-14
[62] 2,827,335
[30] US (61/442,632) 2011-02-14

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[13] C
[51] **Int.Cl. C07D 471/08 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARATION OF (2S, 5R)- SULFURIC ACID MONO-{[(4-AMINOPIPERIDIN-4-YL) CARBONYL]-7-OXO-1,6-DIAZA-BICYCLO[3.2.1]-OCT-6-YL} ESTER**
[54] **PROCEDE DE PREPARATION DE (2S, 5R)- ACIDE SULFURIQUE MONO-{[(4- AMINOPIPERIDIN-4-YL) CARBONYL]-7-OXO-1,6-DIAZA-BICYCLO[3.2.1]-OCT-6-YL} ESTER**
[72] WANKHEDE, KARUNA SURESH, IN
[72] SURWASE, MAHESH MANIKRAO, IN
[72] BHAWSAR, SATISH, IN
[72] DESHPANDE, PRASAD KESHAV, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT LIMITED, IN
[85] 2015-09-02
[86] 2013-10-12 (PCT/IB2013/059329)
[87] (WO2015/033191)
[30] IN (716/MUM/2013) 2013-03-08

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[51] **Int.Cl. C10M 125/28 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PROTECTION FROM SCALE AND AS A LUBRICANT FOR THE HOT PROCESSING METALS**
[54] **COMPOSITION DE PROTECTION CONTRE LE TARTRE AGISSANT COMME LUBRIFIANT POUR LES METAUX TRAITES A CHAUD**
[72] BUGNER, STEFFEN, DE
[72] SCHNEIDER, BERND, DE
[72] WEBER, ANDREJ, DE
[72] MASURAT, DIRK, DE
[72] PATZIG, NICOLE, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
[85] 2015-09-08
[86] 2014-03-11 (PCT/EP2014/054626)
[87] (WO2014/146927)
[30] DE (10 2013 102 897.7) 2013-03-21

[11] **2,904,510**
[13] C
[51] **Int.Cl. E21B 17/04 (2006.01)**
[25] EN
[54] **DOWNHOLE TORSION CLAMP**
[54] **PINCE DE TORSION DE FOND DE TROU**
[72] FIELDER, ROBERT P., III, US
[72] FIELDER, LANCE L., US
[73] PENNY TECHNOLOGIES S.A R.L., LU
[86] (2904510)
[87] (2904510)
[22] 2013-06-27
[62] 2,819,732
[30] US (61/665,559) 2012-06-28
[30] US (61/790,035) 2013-03-15
[30] US (13/927,178) 2013-06-26

[11] **2,907,812**
[13] C
[51] **Int.Cl. H01M 8/04111 (2016.01)**
[25] EN
[54] **FUEL CELL WITH CATHODE COMPRESSOR REGULATION**
[54] **PILE A COMBUSTIBLE DOTEE D'UN REGULATEUR DE PRESSION A LA CATHODE**
[72] TOMITA, YOSUKE, JP
[72] CHIKUGO, HAYATO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-09-22
[86] 2014-02-14 (PCT/JP2014/053431)
[87] (WO2014/148164)
[30] JP (2013-059817) 2013-03-22

[11] **2,908,946**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/46 (2006.01)**
[25] EN
[54] **A POZZOLAN FOR USE IN A CEMENT COMPOSITION HAVING A LOW HEAT OF HYDRATION**
[54] **POUZZOLANE DESTINEE A ETRE UTILISEE DANS UNE COMPOSITION DE CIMENT A FAIBLE CHALEUR D'HYDRATION**
[72] RAVI, KRISHNA M., US
[72] PATIL, RAHUL C., IN
[72] PATIL, SANDIP P., IN
[72] JOSEPH, TRISSA, US
[72] DUFFY, MARCUS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-06
[86] 2014-02-07 (PCT/US2014/015376)
[87] (WO2014/182353)
[30] US (13/889,213) 2013-05-07

[11] **2,909,295**
[13] C
[51] **Int.Cl. G06T 17/05 (2011.01)**
[25] EN
[54] **BASIN-TO-RESERVOIR MODELING**
[54] **MODELISATION DE BASSIN A RESERVOIR**
[72] CARRUTHERS, DANIEL JAMES, CA
[72] YARUS, JEFFREY MARC, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-10-09
[86] 2013-10-15 (PCT/US2013/065063)
[87] (WO2014/185950)
[30] US (61/823,607) 2013-05-15

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[72] SHAH, SYED M., US
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[72] BREWER, MICHAEL LOYD, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **COMPOSES DE 5,6,7,8-TETRAHYDROPYRAZINO[2,3-C]PYRIDAZINE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ONCOLOGIQUES**
[72] CHILOV, GERMES GRIGORIEVICH, RU
[72] STROGANOV, OLEG VALENTINOVICH, RU
[72] STROILOV, VIKTOR SERGEEVICH, RU
[72] NOVIKOV, FEDOR NIKOLAEVICH, RU
[72] ZEIFMAN, ALEKSEY ALEXANDROVICH, RU
[72] TITOV, ILYA YURIEVICH, RU
[73] LIMITED LIABILITY COMPANY "NATIONAL PHARMACEUTICAL TECHNOLOGIES", RU
[73] LIMITED LIABILITY COMPANY "PHARMENTERPRISES", RU
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[54] **TRAIN D'ATTERISSAGE A PATINS MUNI D'AU MOINS UN AMORTISSEUR, ET AERONEF**
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[73] AIRBUS HELICOPTERS, FR
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[54] **PROCEDE DE PROTECTION CATHODIQUE CONTRE LA CORROSION DE SURFACES DE CHROME**
[72] PFIRRMANN, CHRISTINA, DE
[72] HARTMANN, PHILIP, DE
[72] WACHTER, PHILIPP, DE
[72] KRETSCHMER, STEFAN, DE
[73] ATOTECH DEUTSCHLAND GMBH, DE
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[54] **ACTUALISATION DYNAMIQUE DE COMPARTIMENTS REPRESENTANT UNE OU PLUSIEURS STRUCTURES GEOLOGIQUES**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[72] IGARASHI, SAMMI, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **PROCEDE ET APPAREIL DE GESTION DU CABLAGE ET DE L'EXTENSION DE COMMUTATEURS D'INTERCONNEXION DIRECTE DANS DES RESEAUX INFORMATIQUES**
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[73] ROCKPORT NETWORKS INC., CA
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[72] ITO, KEI, JP
[73] KANSAI PAINT CO., LTD., JP
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[54] **POST-FILTRE DE BASSES SELECTIF**
[72] RESCH, BARBARA, SE
[72] KJORLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
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[72] JENKINS, MICHAEL R., US
[73] HALDEX BRAKE PRODUCTS CORPORATION, US
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[54] **AGENT DE STABILISATION DU SCHISTE DE QUALITE ALIMENTAIRE, BIODEGRADABLE, POUR UTILISATION DANS LES PUITS DE PETROLE ET DE GAZ**
[72] MISRA, GARIMA, IN
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] LITOIU, MARIN, CA
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[54] **SYSTEME DE SUIVI DE TIRS AU BASKETBALL**
[72] IANNI, BRUCE C., US
[72] ROSS, DAVYEON D., US
[72] KAHLER, CLINT A., US
[72] DANKNICK, DANIEL A., US
[73] SHOTTRACKER, INC., US
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[54] **CATALYSEUR A SUPPORT CARBONE**
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[72] TAKEHIRO, NAOKI, JP
[72] TAKEUCHI, NORIMITSU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[72] SCHROIT, ALAN J., US
[72] THORPE, PHILIP E. (DECEASED), US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[73] PEREGRINE PHARMACEUTICALS, INC., US
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[54] **INSTRUMENT D'ALESAGE A PROFIL REGLABLE**
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[73] LENKBAR, LLC, US
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[54] **AGENCEMENT DE SCELLEMENT INDIVIDUEL POUR ANCRAGE DE CABLE**
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[72] GNAGI, ADRIAN, CH
[73] VSL INTERNATIONAL AG, CH
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[54] **DISPOSITIF DE FIXATION POUR DES FRACTURES OSSEUSES**
[72] HIPP, MARKUS, DE
[72] WIRTH, ANDRE, DE
[73] HIPP MEDICAL AG, DE
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[71] DOSTIE, HUGO, CA
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[54] **CAPTEUR A ENGRENAGE D'ENERGIE EOLIENNE**
[72] LEBLOND, REJEAN, CA
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[54] **PISTON POMPE-MOTEUR**
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[71] THOMPSON, DANIEL L., CA
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[54] **PIN-ME-NOT : CONCEPT 2 - SUPPORT MAGNETIQUE POUR FLEUR DE BOUTONNIERE**
[72] YU, KENNY, CA
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[54] **APPAREIL DE LAVAGE ET CENTRAGE DE TUYAU**
[72] EVANS, JAMES A., CA
[71] CONTROL TECHNOLOGY INC., CA
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[54] **MECANISME DE FERMETURE RAPIDE DE COUVERCLE DE RECIPIENT SOUS PRESSION**
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[54] **CONCEPT DE TRAITEMENT DE CULTURE CENTRAL**
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[54] **EQUIPEMENT DE PROTECTION INDIVIDUEL**
[72] PROVENCAL, PATRICE R., CA
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[54] **DISPOSITIF DE MASSAGE DU DOS INSTALLE AU MUR**
[72] WOLF, SAMANTHA J., CA
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[72] SKANDARANIYAM, JANAHAN, CA
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[54] **DILUANT DISSIPATEUR THERMIQUE DANS LES REACTEURS A LIT FIXE**
[72] SIMANZHENKOV, VASILY, CA
[72] SERHAL, KAMAL ELIAS, CA
[72] GOODARZNIA, SHAHIN, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[72] GULED, OMAR, CA
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[54] **DRAP EN DUVET COMPOSITE DOTE DE TOILES ADHESIVES ELASTIQUES**
[72] REUBEN, RONIE, CA
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[54] **METHODES DE PRODUCTION DE LUBRIFIANTS BIOLOGIQUES ET LIQUIDES ASSOCIES**
[72] BETOURNAY, BILL, CA
[72] MCLEA, VIKTORIA, CA
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[54] **METHODES ET COMPOSITIONS DESTINEES AUX PUITS DE PETROLE ET DE GAZ RENFERMANT UN ALCOOL TERPENIQUE**
[72] SABOOWALA, HASNAIN, US
[72] HILL, RANDAL M., US
[72] ASHCRAFT, PAUL, US
[72] SOEUNG, MELINDA, US
[71] CESI CHEMICAL, INC., US
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[54] **POLYMERS AND EMULSIONS FOR USE IN OIL AND/OR GAS WELLS**
[54] **POLYMERES ET EMULSIONS DESTINES AUX PUITS DE PETROLE ET DE GAZ**
[72] PURSLEY, JOHN T., US
[72] PENNY, GLENN S., US
[72] HAMMOND, CHARLES E., US
[72] GERMACK, DAVID, US
[72] MAST, NICOLE, US
[72] BISWAS, DEEPANKAR, US
[72] KHARGHORIA, ARUN, US
[71] CESI CHEMICAL, INC., US
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[54] **SAFETY DETECTION IN SEALED VEHICLE SPACES**
[54] **DETECTION DE SECURITE DANS LES ESPACES DE VEHICULE SCELLES**
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[71] HONEY-JONES, DAVID, CA
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[54] **METHOD OF AND SYSTEM FOR PROVIDING TRAVEL INFORMATION ON A HANDLEBAR**
[54] **METHODE ET SYSTEME DE FOURNITURE D'INFORMATION DE VOYAGE SUR UN GUIDON**
[72] ALBEROLA, GABRIEL, CA
[72] BOURBONNAIS, OLIVIER, CA
[72] COUTURIER, MAXIME, CA
[72] PEICH, XAVIER, CA
[71] LES SOLUTIONS CYCLELABS INC., CA
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[51] **Int.Cl. C10G 31/06 (2006.01)**
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[54] **METHOD AND APPARATUS FOR REDUCING PHOSPHORUS IN CRUDE REFINING**
[54] **METHODE ET APPAREIL DE REDUCTION DU PHOSPHORE DANS LE RAFFINAGE DU BRUT**
[72] JOHNSON, JAMES F., US
[72] ADAMS, PHILLIP RYAN, US
[71] MARATHON PETROLEUM COMPANY LP, US
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[25] EN
[54] **CLAMP FOR TEMPORARY STRUCTURE SHEETING AND RELATED METHODS**
[54] **PINCE DESTINEE A UNE PELLICULE STRUCTURELLE TEMPORAIRE ET METHODES ASSOCIEES**
[72] GRUMBERG, MATHIEU, US
[72] MEADE, FREDERICK WARREN, US
[72] SCRAFFORD, ROY, US
[71] SAFWAY SERVICES, LLC, US
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[54] **SYSTEME DE DIVERTISSEMENT PORTABLE GIARDOK POUR GUITARE ACOUSTIQUE**
[72] GIARD, SERGE, CA
[71] GIARD, SERGE, CA
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[25] EN
[54] **UNIVERSAL BRACKETS FOR SUPPORTING ELECRTRCIAL OUTLET BOXES**
[54] **SUPPORTS UNIVERSELS DE SOUTIEN DE BOITES DE RACCORDEMENT ELECTRIQUES**
[72] ANNANDALE, JOHANNES, CA
[71] ANNANDALE, JOHANNES, CA
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[54] **EXTERIOR STRUCTURE**
[54] **STRUCTURE EXTERIEURE**
[72] OCHI, YOSHIO, JP
[71] NICHIHA CORPORATION, JP
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[25] EN
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[54] **MOTEUR A COMBUSTION INTERNE A ENERGIE THERMIQUE A RETOUR OPTIMAL ET SES APPLICATIONS**
[72] ZHOU, HAN, YU, AU
[72] ZHOU, HAO, AU
[71] ZHOU, HAN, YU, AU
[71] ZHOU, HAO, AU
[71] DE ZHEN CORPORATION PTY LTD, AU
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[54] **POSITION REPORTING FOR ROAD TREATMENT ELEMENTS**
[54] **RAPPORT DE POSITION D'ELEMENTS DE TRAITEMENT ROUTIER**
[72] SHIRCHENKO, MICHAEL, CA
[72] STAPLETON, KENNETH EDWARD, CA
[72] ROSS, ALEXANDER STEVEN, CA
[71] DICAN INC., CA
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[54] **NON-RESILIENT TATTOOING NEEDLE AND TATTOOING DEVICE**
[54] **AIGUILLE DE TATOUAGE NON RESILIENTE ET APPAREIL DE TATOUAGE**
[72] LEE, BOB OSCAR, CN
[71] E-M MEDICAL TREATMENT AND ELECTRON (SUZHOU) CO., LTD., CN
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[25] EN
[54] **ELECTRONIC DEVICE AND METHOD FOR PROVIDING TRAVEL INFORMATION**
[54] **APPAREIL ELECTRONIQUE ET METHODE DE FOURNITURE D'INFORMATION DE VOYAGE**
[72] ALBEROLA, GABRIEL, CA
[72] BOURBONNAIS, OLIVIER, CA
[72] COUTURIER, MAXIME, CA
[72] PEICH, XAVIER, CA
[71] LES SOLUTIONS CYCLELABS INC., CA
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[54] **INPUT AUTHENTICATION METHOD, INPUT AUTHENTICATION SYSTEM AND LOCK WITH INPUT AUTHENTICATION SYSTEM**
[54] **METHODE D'AUTHENTIFICATION D'ENTREE, SYSTEME D'AUTHENTIFICATION D'ENTREE ET VERROU DOTE D'UN SYSTEME D'AUTHENTIFICATION D'ENTREE**
[72] LU, SHIH-MIN, TW
[72] SHIU, JIUN-NAN, TW
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW
[22] 2016-02-02
[41] 2017-03-18
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[51] **Int.Cl. A61M 36/08 (2006.01) A61B 6/10 (2006.01)**
[25] EN
[54] **SHEATH RETAINER DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE FIXATION D'UNE GAINE, SYSTEMES ET METHODES**
[72] GORDON, GREGORY, US
[72] WAHNSCHAFFE, DOUGLAS SCOTT, US
[71] RADUX DEVICES, LLC, US
[22] 2016-03-03
[41] 2017-03-15
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[21] **2,923,715**
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[51] **Int.Cl. A43B 13/14 (2006.01)**
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[54] **SOLE ASSEMBLY FOR ARTICLE OF FOOTWEAR**
[54] **ASSEMBLAGE DE SEMELLE DESTINE A UN ARTICLE DE CHAUSSURE**
[72] HUARD, ROGER L., US
[72] DE LA CRUZ-WILLIAMS, MYRA G., US
[72] COBB, IAN M., US
[72] LEBO, YAHN C., US
[72] DOWD, RYAN C., US
[71] WOLVERINE WORLD WIDE, INC., US
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[51] **Int.Cl. G05D 23/19 (2006.01) G05G 1/08 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **THERMOSTAT WITH DISPLAY SCREEN AND CONTROL DIAL HAVING VERTICAL AND HORIZONTAL MOUNTING CONFIGURATIONS**
[54] **THERMOSTAT DOTE D'UN ECRAN D'AFFICHAGE ET D'UN CADRAN DE COMMANDE AYANT DES CONFIGURATIONS D'INSTALLATION VERTICALE OU HORIZONTALE**
[72] BENICHOU, FABRICE, FR
[72] PY, FABRICE, FR
[72] MCAULEY, ALEXANDER, CH
[71] LUX PRODUCTS CORPORATION, US
[22] 2016-04-28
[41] 2017-03-17
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[54] **VEHICLE OCCUPANT SENSOR SYSTEM AND METHOD**
[54] **DISPOSITIF DE DETECTEUR D'OCCUPANT D'UN VEHICULE ET METHODE**
[72] REGAN, CASEY CHARLES, US
[72] AYRES, STEPHEN WILLIAM, US
[71] THE BOEING COMPANY, US
[22] 2016-07-06
[41] 2017-03-14
[30] US (14/853,372) 2015-09-14

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[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH PARTITION TOP ANCHOR AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **ANCRAGE SUPERIEUR HAUTE RESISTANCE ET SYSTEME D'ANCRAGE EMPLOYANT LEDIT ANCRAGE**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2016-07-14
[41] 2017-03-17
[30] US (14/857,736) 2015-09-17

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[13] A1
[51] **Int.Cl. F16H 63/02 (2006.01) F16H 61/26 (2006.01)**
[25] EN
[54] **LINEAR GEAR SHIFT MECHANISM**
[54] **MECANISME DE CHANGEMENT DE VITESSE LINEAIRE**
[72] CHENG, HSIN-LIN, CN
[72] TENG, CHING-CHUNG, CN
[71] MOTIVE POWER INDUSTRY CO., LTD., CN
[22] 2016-07-19
[41] 2017-03-18
[30] TW (104130862) 2015-09-18

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[51] **Int.Cl. F16G 13/12 (2006.01) E02F 3/48 (2006.01) E02F 3/58 (2006.01)**
[25] EN
[54] **STUD END LINK**
[54] **LIEN D'EXTREMITE DE COLOMBAGE**
[72] DREIXLER, CHARLES, US
[72] MIOTKE, B. ANTHONY, US
[72] CONROY, DAVID GARNET JOHN, US
[71] COLUMBIA STEEL CASTING CO., INC., US
[22] 2016-07-18
[41] 2017-03-13
[30] US (14/882702) 2015-10-14

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[13] A1
[51] **Int.Cl. F16H 25/06 (2006.01) F16H 25/04 (2006.01)**
[25] EN
[54] **LINEAR GEAR SHIFT MECHANISM FOR CHAINLESS VEHICLE**
[54] **MECANISME DE CHANGEMENT DE VITESSE LINEAIRE DESTINE A UN VEHICULE SANS CHAINE**
[72] CHENG, HSIN-LIN, CN
[72] TENG, CHING-CHUNG, CN
[71] MOTIVE POWER INDUSTRY CO., LTD., CN
[22] 2016-07-19
[41] 2017-03-18
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[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) G01C 21/00 (2006.01)**
[25] EN
[54] **CONTROLLER FOR AN AIRCRAFT TRACKER**
[54] **CONTROLEUR DESTINE A UN APPAREIL DE SUIVI D'AERONEF**
[72] ADLER, CHARLES OTIS, US
[72] EIGLE, TED, US
[72] RICHARDS, WILLIAM RAYMOND, US
[72] MURPHY, TIMOTHY ALLEN, US
[72] ROBERSON, JOHN HARVEY, US
[72] THALAKOTTUR, THOMAS JOSE, US
[72] FRICKS, RICARDO MESSIAS, US
[72] KHALIL, FADL IBRAHIM, US
[72] WALSTROM, STEVEN MARK, US
[72] HOLTON, DANIEL BRUCE, US
[72] TURNER, JESSIE, US
[72] JACKSON, TIMOTHY EDWARD, US
[71] THE BOEING COMPANY, US
[22] 2016-08-02
[41] 2017-03-18
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[51] **Int.Cl. G06F 19/00 (2011.01) E21B 47/00 (2012.01) G08B 21/02 (2006.01)**
[25] EN
[54] **MANAGING PERFORMANCE OF SYSTEMS AT INDUSTRIAL SITES**
[54] **GESTION DU RENDEMENT DES SYSTEMES SUR LES SITES INDUSTRIELS**
[72] SISK, DAVID ALLEN, US
[72] ORTIZ, ESTEFAN MIGUEL, US
[71] WELLAWARE HOLDINGS, INC., US
[22] 2016-08-04
[41] 2017-03-14
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[51] **Int.Cl. E04B 2/82 (2006.01) E04B 2/74 (2006.01) E05D 7/00 (2006.01) E06B 1/52 (2006.01)**
[25] EN
[54] **PARTITION SYSTEM**
[54] **SYSTEME DE DIVISION**
[72] BAKKER, MITCHELL RAY, US
[72] GEORGE, CHRISTOPHER MICHAEL, US
[71] SCRANTON PRODUCTS, INC., US
[22] 2016-08-05
[41] 2017-03-14
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[51] **Int.Cl. G01N 33/46 (2006.01) G06Q 50/02 (2012.01) A01G 23/00 (2006.01) G05D 1/02 (2006.01) G06F 17/40 (2006.01) A01D 91/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR MONITORING THE COLLECTION OF PLANT MATERIAL**
[54] **METHODE ET AMENAGEMENT DESTINES A SURVEILLER LA COLLECTE DE MATERIAU VEGATAL**
[72] PUTKONEN, AKI JUHA ANTERO, FI
[72] KAARNAMETSA, JOHANNES, FI
[72] SILTANEN, VESA, FI
[71] JOHN DEERE FORESTRY OY, FI
[22] 2016-08-11
[41] 2017-03-14
[30] EP (15 185 018.7) 2015-09-14

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[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) G01N 21/63 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING THERMAL DEGRADATION OF COMPOSITES**
[54] **SYSTEME ET METHODE DE MESURE DE LA DEGRADATION THERMIQUE DES COMPOSITES**
[72] SHELLEY, PAUL H., JR., US
[72] WERNER, GREGORY J., US
[72] MILOSEVIC, MILAN, US
[71] THE BOEING COMPANY, US
[22] 2016-08-11
[41] 2017-03-16
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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/38 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING OFF ELECTROLYTES FROM SYNTHESIS GASES**
[54] **METHODE ET APPAREIL DE SEPARATION DES ELECTROLYTES DES GAZ SYNTHETIQUES**
[72] KERESTECIOGLU, ULVI, DE
[72] BOHN, JAN-PETER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2016-08-19
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[51] **Int.Cl. A61K 31/7076 (2006.01) A61K 31/198 (2006.01) A61P 3/10 (2006.01) A61P 5/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF SELENOORGANIC COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE COMPOSES SELENO-ORGANIQUES ET METHODES D'UTILISATION ASSOCIEES**
[72] POWER, RONAN, US
[72] LAN, ZI-JIAN, US
[71] ALLTECH, INC., US
[22] 2016-08-22
[41] 2017-03-15
[30] US (14/855,128) 2015-09-15

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[13] A1
[51] **Int.Cl. E04F 10/00 (2006.01) E04F 10/02 (2006.01)**
[25] EN
[54] **BUILDING-MOUNTED AWNING WITH SINGLE LOCATION ATTACHMENT**
[54] **AUVENT INSTALLE SUR UN BATIMENT AU MOYEN D'UN SEUL MECANISME DE FIXATION**
[72] FOURATT, DANIEL G., US
[72] COLTON, JONATHAN S., US
[71] GLEN RAVEN, INC., US
[22] 2016-08-23
[41] 2017-03-17
[30] US (14/856,900) 2015-09-17

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[13] A1
[51] **Int.Cl. A61K 31/121 (2006.01) A61K 9/127 (2006.01) A61K 31/164 (2006.01) A61K 31/337 (2006.01) A61K 31/365 (2006.01) A61K 31/4188 (2006.01) A61K 31/655 (2006.01) A61K 31/661 (2006.01) A61K 31/704 (2006.01) A61K 33/24 (2006.01) A61P 35/00 (2006.01) G01N 3/48 (2006.01)**
[25] EN
[54] **TREATMENT FOR GLIOBLASTOMA**
[54] **TRAITEMENT DE GLIOBLASTOME**
[72] SORDILLO, LAURA A., US
[72] SORDILLO, PETER P., US
[72] HELSON, LAWRENCE, US
[71] SIGNPATH PHARMA INC., US
[22] 2016-08-30
[41] 2017-03-18
[30] US (62/220,635) 2015-09-18

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[13] A1
[51] **Int.Cl. H02B 1/26 (2006.01) F24F 11/02 (2006.01) F24F 13/04 (2006.01) F24F 13/06 (2006.01) H02B 1/56 (2006.01)**
[25] EN
[54] **PROTECTIVE APPARATUS USABLE WITH A FORCED AIR COOLING SYSTEM AND ELECTRICAL ENCLOSURE**
[54] **APPAREIL DE PROTECTION UTILISABLE AVEC UN SYSTEME DE REFROIDISSEMENT A AIR FORCE ET ENCEINTE ELECTRIQUE**
[72] JOHNSON, WESLEY BYRON, US
[72] BEAVER, JON CHRISTOPHER, US
[71] EATON CORPORATION, US
[22] 2016-08-26
[41] 2017-03-18
[30] US (14/858,191) 2015-09-18

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 34/00 (2016.01) A61B 5/042 (2006.01)**
[25] EN
[54] **BASKET CATHETER WITH INDIVIDUAL SPINE CONTROL**
[54] **CATHETER A PANIER DOTE DE CONTROLE D'EPINE INDIVIDUEL**
[72] BASU, SHUBHAYU, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-26
[41] 2017-03-14
[30] US (14/853,668) 2015-09-14

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 5/042 (2006.01) A61B 5/05 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **CONVERTIBLE BASKET CATHETER**
[54] **CATHETER A PANIER CONVERTIBLE**
[72] BASU, SHUBHAYU, US
[72] AUJLA, VISHAV MANAK SINGH, US
[72] WILLIAMS, STUART, US
[72] SOLIS, MARIO A., US
[72] AUERBACH, SHMUEL, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-26
[41] 2017-03-14
[30] US (14/852,727) 2015-09-14

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[13] A1
[51] **Int.Cl. H04N 5/349 (2011.01) G06T 9/00 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR GENERATING DATA REPRESENTATIVE OF A LIGHT FIELD**
[54] **UNE METHODE ET UN APPAREIL DE GENERATION DE DONNEES REPRESENTATIVES D'UN CHAMP DE LUMIERE**
[72] DRAZIC, VALTER, FR
[72] BLONDE, LAURENT, FR
[72] SCHUBERT, ARNO, FR
[71] THOMSON LICENSING, FR
[22] 2016-08-29
[41] 2017-03-17
[30] EP (15306446.4) 2015-09-17

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[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **DUAL MULTIRAY ELECTRODE CATHETER**
[54] **CATHETER A ELECTRODE MULTIRAYON DOUBLE**
[72] SOLIS, MARIO A., US
[72] BASU, SHUBHAYU, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-30
[41] 2017-03-14
[30] US (14/853,653) 2015-09-14

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[13] A1
[51] **Int.Cl. C03B 5/183 (2006.01) C03B 5/235 (2006.01)**
[25] EN
[54] **METHODS OF MELTING FEEDSTOCK USING A SUBMERGED COMBUSTION MELTER**
[54] **METHODES DE FONTE DE MATIERE PREMIERE AU MOYEN D'UN APPAREIL DE FONTE A COMBUSTION SUBMERGEE**
[72] HUBER, AARON MORGAN, US
[72] FAULKINBURY, ALBERT PATRICK, US
[71] JOHNS MANVILLE, US
[22] 2016-08-31
[41] 2017-03-15
[30] US (14/854,271) 2015-09-15

[21] **2,940,732**
[13] A1
[51] **Int.Cl. C08L 75/04 (2006.01) C08J 3/03 (2006.01) C08K 9/12 (2006.01) C09D 7/12 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **PIGMENTED PAINT FORMULATION WITH A PHOSPHORUS ACID FUNCTIONALIZED LATEX BINDER AND AN ASSOCIATIVE THICKENER**
[54] **FORMULE DE PEINTURE PIGMENTEE RENFERMANT UN LIANT FONCTIONNALISE A L'ACIDE PHOSPHORIQUE ET UN AGENT EPAISSISSANT ASSOCIATIF**
[72] BOHLING, JAMES C., US
[72] BROWNELL, ARNOLD S., US
[72] GUO, JIHUI, US
[72] HENDERSON, KEVIN J., US
[72] KILLIAN, ERICKA LYNN, US
[72] RABASCO, JOHN J., US
[72] SAUCY, DANIEL A., US
[72] STRACKE, JORDAN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-08-30
[41] 2017-03-17
[30] US (62/219,892) 2015-09-17

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[13] A1
[51] **Int.Cl. C08L 75/04 (2006.01) C08J 3/03 (2006.01) C08K 9/12 (2006.01) C09D 7/12 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **PIGMENTED PAINT FORMULATION WITH A PHOSPHORUS ACID FUNCTIONALIZED LATEX BINDER AND AN ASSOCIATIVE THICKENER**
[54] **FORMULE DE PEINTURE PIGMENTEE RENFERMANT UN LIANT FONCTIONNALISE A L'ACIDE PHOSPHORIQUE ET UN AGENT EPAISSISSANT ASSOCIATIF**
[72] BOHLING, JAMES C., US
[72] BROWNELL, ARNOLD S., US
[72] GUO, JIHUI, US
[72] HENDERSON, KEVIN J., US
[72] KILLIAN, ERICKA LYNN, US
[72] RABASCO, JOHN J., US
[72] SAUCY, DANIEL A., US
[72] STRACKE, JORDAN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-08-30
[41] 2017-03-17
[30] US (62/219,883) 2015-09-17

[21] **2,940,853**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01) B23B 41/00 (2006.01) B23B 45/16 (2006.01) E21B 1/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT IN ROCK DRILLING MACHINE AND METHOD OF MOUNTING ROCK DRILLING MACHINE**
[54] **ARRANGEMENT DANS UNE MACHINE DE FORAGE DE ROCHE ET METHODE D'INSTALLATION DE MACHINE DE FORAGE DE ROCHE**
[72] MUUTTONEN, TIMO, FI
[72] KELA, TIMO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2016-09-02
[41] 2017-03-15
[30] EP (15185209.2) 2015-09-15

[21] **2,940,898**
[13] A1
[51] **Int.Cl. G01V 8/12 (2006.01) E02B 15/00 (2006.01) G01V 1/00 (2006.01) G01V 3/12 (2006.01)**
[25] EN
[54] **DETECTING OIL UNDER ICE**
[54] **DETECTION DE L'HUILE SOUS LA GLACE**
[72] NEDWED, TIMOTHY J., US
[72] ZHANG, CHANGYONG, US
[72] PALANDRO, DAVID A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2016-09-02
[41] 2017-03-17
[30] US (62/219,717) 2015-09-17

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[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) F15D 1/10 (2006.01) F15D 1/12 (2006.01)**
[25] EN
[54] **REDUCING WIND RESISTANCE OF A VEHICLE**
[54] **REDUCTION DE LA RESISTANCE AU VENT D'UN VEHICULE**
[72] HANAGAN, MICHAEL W., US
[71] HANAGAN, MICHAEL W., US
[22] 2016-09-01
[41] 2017-03-15
[30] US (14/855,254) 2015-09-15

[21] **2,941,132**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **CLOSURE ARRANGEMENT FOR TANK OPENING OF AGRICULTURAL MACHINE**
[54] **MECANISME DE FERMETURE DESTINE A L'OUVERTURE D'UN RESERVOIR D'UNE MACHINE AGRICOLE**
[72] BORKGREN, STANLEY R., US
[72] SNIPES, TERRY L., US
[72] GROVES, TYLER G., US
[72] GRAHAM, WILLIAM D., US
[71] DEERE & COMPANY, US
[22] 2016-09-07
[41] 2017-03-14
[30] US (14/853,338) 2015-09-14
[30] US (15/056,727) 2016-02-29

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[13] A1
[51] **Int.Cl. B23K 37/053 (2006.01) B23K 37/04 (2006.01)**
[25] EN
[54] **ADAPTER ASSEMBLY FOR USE IN ALIGNING PIPE FLANGES**
[54] **MECANISME D'ADAPTATEUR DESTINE A L'ALIGNEMENT DES BRIDES DE TUYAU**
[72] BENDER, QUINN, CA
[71] 1729655 ALBERTA LTD., CA
[22] 2016-09-07
[41] 2017-03-14
[30] US (62/218,280) 2015-09-14

[21] **2,941,176**
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[51] **Int.Cl. C05G 3/00 (2006.01) C05C 3/00 (2006.01) C05C 9/00 (2006.01) C05C 9/02 (2006.01)**
[25] EN
[54] **REACTION PRODUCTS AND METHODS FOR MAKING AND USING THE SAME**
[54] **PRODUITS DE REACTION ET METHODES DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] GABRIELSON, KURT D., US
[72] EPLING, MARY L., US
[71] KOCH AGRONOMIC SERVICES, LLC, US
[22] 2016-09-06
[41] 2017-03-14
[30] US (14/853,538) 2015-09-14

[21] **2,941,181**
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[51] **Int.Cl. B23D 53/08 (2006.01) B23D 55/00 (2006.01)**
[25] EN
[54] **BAND-SAW MACHINE AND METHOD FOR SAWING A METAL TUBE**
[54] **MACHINE DE SCIE A RUBAN ET METHODE DE SCIAGE D'UN TUBE METALLIQUE**
[72] STOLZER, ARMIN, DE
[72] KREBBER-STOLZER, NICOLE DESIREE, DE
[72] KREBBER, SONKE FLORIAN, DE
[71] KEURO BESITZ GMBH & CO. EDV-DIENSTLEISTUNGS KG, DE
[22] 2016-09-06
[41] 2017-03-18
[30] DE (10 2015 115 820.5) 2015-09-18

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[13] A1
[51] **Int.Cl. B23K 20/12 (2006.01) B23K 20/26 (2006.01)**
[25] EN
[54] **INERTIA WELDING METHOD**
[54] **METHODE DE SOUDAGE PAR INERTIE**
[72] WESSMAN, ANDREW EZEKIEL, US
[72] TRAPP, TIMOTHY JOSEPH, US
[72] WEI, DANIEL YEUCHING, US
[72] ENGLISH, CHRISTOPHER LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-18
[30] US (14/858,267) 2015-09-18

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[13] A1
[51] **Int.Cl. H02P 27/04 (2016.01) H02P 23/18 (2016.01) E21B 43/12 (2006.01) H02K 5/132 (2006.01)**
[25] EN
[54] **FLUID EXTRACTION SYSTEM AND RELATED CONTROL SUB-SYSTEM**
[54] **SYSTEME D'EXTRACTION DE LIQUIDE ET SOUS-SYSTEME DE CONTROLE ASSOCIE**
[72] TORREY, DAVID ALLAN, US
[72] HAWES, NATHANIEL BENEDICT, US
[72] EL-REFAIE, AYMAN MOHAMED FAWZI, US
[72] CHISHTI, MUHAMMAD HASSAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-15
[30] US (62/218,613) 2015-09-15
[30] US (14/939,221) 2015-11-12
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[21] **2,941,224**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE RING SHROUD RETENTION METHODS-FINGER SEALS WITH STEPPED SHROUD INTERFACE**
[54] **METHODE DE RETENTION DE VIROLE EN COMPOSITE A MATRICE CERAMIQUE - JOINTS A DOIGT A INTERFACE DE VIROLE ETAGEE**
[72] FITZPATRICK, DYLAN JAMES, US
[72] TURA, CHRISTOPHER PAUL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-18
[30] US (14/858,529) 2015-09-18

[21] **2,941,225**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 9/02 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **STATOR COMPONENT COOLING**
[54] **REFROIDISSEMENT DE COMPOSANT DE STATOR**
[72] HUIZENGA, BENJAMIN SCOTT, US
[72] SENILE, DARRELL GLENN, US
[72] FREDERICK, ROBERT ALAN, US
[72] KREITZER, PAUL JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-18
[30] US (14/857,865) 2015-09-18

[21] **2,941,287**
[13] A1
[51] **Int.Cl. H02K 1/12 (2006.01) H02K 1/16 (2006.01)**
[25] EN
[54] **ROTARY ELECTRIC MACHINE AND STATOR OF ROTARY ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE ROTATIVE ET STATOR DE MACHINE ELECTRIQUE ROTATIVE**
[72] NODA, KEN, JP
[72] HATTORI, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-09-08
[41] 2017-03-17
[30] JP (2015-184086) 2015-09-17

[21] **2,941,298**
[13] A1
[51] **Int.Cl. F16L 11/04 (2006.01) B60K 15/01 (2006.01) F16L 11/12 (2006.01)**
[25] EN
[54] **FUEL TUBE FOR A GASOLINE ENGINE**
[54] **TUYAU POUR CARBURANT DESTINE A UN MOTEUR A ESSENCE**
[72] ROSENBERG, ANDREW, US
[72] BENSKO, DAVID, US
[71] COOPER-STANDARD AUTOMOTIVE, INC., US
[22] 2016-09-09
[41] 2017-03-16
[30] US (14/855,541) 2015-09-16

[21] **2,941,302**
[13] A1
[51] **Int.Cl. G01T 1/164 (2006.01) G01R 33/54 (2006.01)**
[25] EN
[54] **ROI SETTING TECHNIQUE FOR IMAGING TEST OF LIVING BODY**
[54] **TECHNIQUE D'ETABLISSEMENT DE REGION D'INTERET POUR UN TEST D'IMAGERIE D'UN CORPS VIVANT**
[72] AKAMATSU, GO, JP
[72] SENDA, MICHIO, JP
[72] IKARI, YASUHIKO, JP
[72] MIKI, SHUYA, JP
[71] FOUNDATION FOR BIOMEDICAL RESEARCH AND INNOVATION, JP
[71] NIHON MEDI-PHYSICS CO., LTD, JP
[22] 2016-09-08
[41] 2017-03-17
[30] JP (2015-184366) 2015-09-17

[21] **2,941,324**
[13] A1
[51] **Int.Cl. F25B 49/02 (2006.01) F25B 49/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH LOW TEMPERATURE LOAD**
[54] **SYSTEME DE REFROIDISSEMENT A CHARGE A BASSE TEMPERATURE**
[72] ALI, MASOOD, US
[72] ZIMMERMANN, AUGUSTO J. PEREIRA, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2016-09-07
[41] 2017-03-16
[30] US (62/219,261) 2015-09-16
[30] US (15/000,477) 2016-01-19

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[13] A1
[51] **Int.Cl. F25B 43/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH LOW TEMPERATURE LOAD**
[54] **SYSTEME DE REFROIDISSEMENT A CHARGE BASSE TEMPERATURE**
[72] ALI, MASOOD, US
[72] ZIMMERMANN, AUGUSTO J. PEREIRA, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2016-09-07
[41] 2017-03-16
[30] US (62/219,261) 2015-09-16
[30] US (15/000,350) 2016-01-19

[21] **2,941,356**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE RING SHROUD RETENTION METHODS-WIGGLE STRIP SPRING SEAL**
[54] **METHODES DE RETENTION D'UNE VIROLE EN COMPOSITE A MATRICE CERAMIQUE - JOINT A RESSORT A BANDE TORTILLEE**
[72] FITZPATRICK, DYLAN JAMES, US
[72] TURA, CHRISTOPHER PAUL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-18
[30] US (14/858,542) 2015-09-18

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[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01)**
[25] EN
[54] **MULTI-DIRECTIONAL GEARBOX DEFLECTION LIMITER FOR A GAS TURBINE ENGINE**
[54] **LIMITEUR DE DEFLEXION D'ENGRENAGE MULTIDIRECTIONNEL DESTINE A UNE TURBINE A GAZ**
[72] MILLER, BRANDON WAYNE, US
[72] BRADLEY, DONALD ALBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-17
[30] US (14/857,164) 2015-09-17

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4745 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL IMIDAZO[4,5-C]QUINOLINE AND IMIDAZO[4,5-C][1,5]NAPHTHYRIDINE DERIVATIVES AS LRRK2 INHIBITORS**
[54] **DERIVES NOVATEURS D'IMIDAZO[4,5-C]QUINOLINE ET IMIDAZO[4,5-C][1,5]NAPHTHYRIDINE COMME INHIBITEURS DE LRRK2**
[72] GALATSIS, PAUL, US
[72] HENDERSON, JACLYN LOUISE, US
[72] KORMOS, BETHANY LYN, US
[72] KURUMBAIL, RAVI G., US
[72] REESE, MATTHEW RICHARD, US
[72] STEPAN, ANTONIA FRIEDERIKE, US
[72] VERHOEST, PATRICK ROBERT, US
[72] WAGER, TRAVIS T., US
[72] PETTERSSON, MARTIN YOUNGJIN, US
[72] GARNSEY, MICHELLE RENEE, US
[71] PFIZER INC., US
[22] 2016-09-09
[41] 2017-03-14
[30] US (62/218,061) 2015-09-14
[30] US (62/375,646) 2016-08-16

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[13] A1
[51] **Int.Cl. G08B 25/08 (2006.01) H04W 4/12 (2009.01) G08B 13/22 (2006.01) G08B 17/10 (2006.01) G08B 19/00 (2006.01) H04M 11/04 (2006.01)**
[25] EN
[54] **PORTABLE SECURITY DEVICE THAT COMMUNICATES WITH HOME SECURITY SYSTEM MONITORING SERVICE**
[54] **DISPOSITIF DE SECURITE PORTATIF QUI COMMUNIQUE AVEC LE SERVICE DE SURVEILLANCE DU SYSTEME DE SECURITE DOMESTIQUE**
[72] ESKILDSEN, KENNETH, US
[72] OKEEFE, MARK, US
[72] PIEL, KEVIN G., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-09-08
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[30] US (14/855,716) 2015-09-16

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[13] A1
[51] **Int.Cl. G01S 7/527 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **ADAPTIVE BEAMFORMER FOR SONAR IMAGING**
[54] **FORMEUR DE FAISCEAU ADAPTATIF D'IMAGERIE SONAR**
[72] HORNER, RONALD JOE, US
[71] NAVICO HOLDINGS AS, NO
[22] 2016-09-09
[41] 2017-03-17
[30] US (14/857337) 2015-09-17

[21] **2,941,570**
[13] A1
[51] **Int.Cl. C04B 41/52 (2006.01) C04B 41/49 (2006.01)**
[25] EN
[54] **A COATING SYSTEM FOR FIBER CEMENT ARTICLES**
[54] **UN SYSTEME DE REVETEMENT DESTINE A DES ARTICLES EN CIMENT FIBREUX**
[72] JOECKEN, JOHN, US
[72] GONZALEZ, LUISA, US
[72] LUO, CAIDIAN, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218,484) 2015-09-14

[21] **2,941,575**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) F16B 13/12 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEM & METHOD OF USE**
[54] **SYSTEME D'ANCRAGE ET METHODE D'UTILISATION**
[72] SCARABELLI, ANTHONY, CA
[72] MCDONALD, GLEN, CA
[71] SCARABELLI, ANTHONY, CA
[71] MCDONALD, GLEN, CA
[22] 2016-09-13
[41] 2017-03-14
[30] US (14/853,268) 2015-09-14

[21] **2,941,587**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **MONOLITHIC BLADE STABILISER TOOL FOR DRILL STRING**
[54] **OUTIL STABILISATEUR DE LAME MONOLITHIQUE DESTINE A UN TRAIN DE TIGES DE FORAGE**
[72] NEWMAN, MICHAEL THOMAS, NL
[71] EUROPEAN DRILLING PROJECTS B.V., NL
[22] 2016-09-13
[41] 2017-03-14
[30] EP (15185136) 2015-09-14

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[13] A1
[51] **Int.Cl. B63H 20/02 (2006.01) B63H 20/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE JACK PLATE AND TRIM AND TILT SYSTEM FOR A MARINE VESSEL**
[54] **SYSTEME DE PLAQUE ET GARNITURE DE VERIN AJUSTABLE POUR UN BATEAU**
[72] FETCHKO, ERIC B., CA
[72] BAROS, DAVOR, CA
[72] PIERCE, RICHARD D., US
[71] MARINE CANADA ACQUISITION INC., CA
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218,027) 2015-09-14
[30] US (62/306,913) 2016-03-11

[21] **2,941,591**
[13] A1
[51] **Int.Cl. F16F 15/14 (2006.01) F16H 45/02 (2006.01)**
[25] EN
[54] **TORSIONAL VIBRATION REDUCTION DEVICE FOR TORQUE CONVERTER**
[54] **DISPOSITIF DE REDUCTION DE VIBRATION EN TORSION DESTINE A UN CONVERTISSEUR DE COUPLE**
[72] UCHIDA, KEISUKE, JP
[72] SHIBATA, YOSHINORI, JP
[72] FUJII, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-09-12
[41] 2017-03-14
[30] JP (2015-181243) 2015-09-14

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[13] A1
[51] **Int.Cl. A61H 35/00 (2006.01) E04H 4/12 (2006.01)**
[25] EN
[54] **FOOT SPA WITH UV LIGHTS**
[54] **BAIN DE PIED A LUMIERES UV**
[72] TRAN, MINH SANG, CA
[72] ALEXANDER, CHRIS, CA
[71] TRAN, MINH SANG, CA
[71] ALEXANDER, CHRIS, CA
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218,037) 2015-09-14
[30] US (62/219,169) 2015-09-16

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[13] A1
[51] **Int.Cl. F16K 31/56 (2006.01) E03C 1/04 (2006.01) F16K 3/26 (2006.01) F16K 21/00 (2006.01)**
[25] EN
[54] **TUB SPOUT ASSEMBLY**
[54] **DISPOSITIF DE BEC DE BAIGNOIRE**
[72] ARNOLD, ROBERT LEE, US
[72] TANG, YILIN, CN
[71] DELTA FAUCET COMPANY, US
[22] 2016-09-14
[41] 2017-03-16
[30] US (62/219,496) 2015-09-16

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[13] A1
[51] **Int.Cl. G06F 11/30 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **REAL-TIME MONITORING OF COMPUTER SYSTEM PROCESSOR AND TRANSACTION PERFORMANCE DURING AN ONGOING PERFORMANCE TEST**
[54] **SURVEILLANCE EN TEMPS REEL D'UN PROCESSEUR DE SYSTEME INFORMATIQUE ET RENDEMENT DE TRANSACTION PENDANT UN TEST DE RENDEMENT EN CONTINU**
[72] PAUL, KANWAR GAURAV, US
[71] FMR LLC, US
[22] 2016-09-13
[41] 2017-03-18
[30] US (14/858,731) 2015-09-18

[21] **2,941,729**
[13] A1
[51] **Int.Cl. G01N 21/89 (2006.01) G01B 11/245 (2006.01) G01B 11/25 (2006.01) G01B 11/30 (2006.01) G01N 21/55 (2014.01) G01S 13/90 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SPECULAR SURFACE INSPECTION**
[54] **SYSTEME ET METHODE D'INSPECTION DE SURFACE SPECULAIRE**
[72] TRENHOLM, WALLACE, CA
[72] MAVINKURVE, MAITHILI, CA
[72] ALEXIUK, MARK, CA
[72] CASSIDY, JASON, CA
[71] SIGHTLINE INNOVATION INC., CA
[22] 2016-09-14
[41] 2017-03-14
[30] US (62/218,075) 2015-09-14

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[13] A1
[51] **Int.Cl. A01G 3/053 (2006.01)**
[25] EN
[54] **HEDGE TRIMMER**
[54] **TAILLE-HAIE**
[72] LI, LI, CN
[72] NIE, FANGJIE, CN
[72] YAMAOKA, TOSHINARI, CN
[71] CHERVON (HK) LIMITED, HK
[22] 2016-09-13
[41] 2017-03-15
[30] CN (201510587038.8) 2015-09-15
[30] CN (201510583676.2) 2015-09-15
[30] CN (201510582764.0) 2015-09-15
[30] CN (201510586701.2) 2015-09-15
[30] US (15/262,681) 2016-09-12

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[13] A1
[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **DROWSINESS DETECTION DEVICE, DROWSINESS DETECTION METHOD, AND COMPUTER-READABLE RECORDING MEDIUM STORING PROGRAM FOR DROWSINESS DETECTION**
[54] **APPAREIL DE DETECTION DE LA SOMNOLENCE, METHODE DE DETECTION DE LA SOMNOLENCE ET PROGRAMME DE STOCKAGE DE SUPPORT D'ENREGISTREMENT LISIBLE A L'ORDINATEUR DESTINE A LA DETECTION DELA SOMNOLENCE**
[72] SANO, SATOSHI, JP
[72] NAKANO, YASUHIKO, JP
[72] TANAKA, YUICHI, JP
[71] FUJITSU LIMITED, JP
[22] 2016-09-13
[41] 2017-03-17
[30] JP (2015-184290) 2015-09-17

[21] **2,941,776**
[13] A1
[51] **Int.Cl. B62B 3/02 (2006.01) B62B 3/04 (2006.01) B62B 5/06 (2006.01)**
[25] EN
[54] **A SWIVELABLE AND UNIDIRECTIONAL PLATFORM TRUCK**
[54] **CAMION A PLATEFORME UNIDIRECTIONNELLE ET PIVOTABLE**
[72] KOPP, ROBERT G., US
[72] THUMA, MICHAEL, US
[72] VOGLER, MICHAEL R., US
[71] SUNCAST TECHNOLOGIES, LLC, US
[22] 2016-09-13
[41] 2017-03-15
[30] US (14/854,797) 2015-09-15

[21] **2,941,812**
[13] A1
[51] **Int.Cl. B65F 1/16 (2006.01) E05F 15/73 (2015.01) B65D 43/26 (2006.01)**
[25] EN
[54] **CONTAINERS WITH MULTIPLE SENSORS**
[54] **CONTENANTS COMPORTANT PLUSIEURS DETECTEURS**
[72] YANG, FRANK, US
[72] WOLBERT, DAVID, US
[72] COHEN, GUY, US
[72] WILKINS, BRYCE, US
[71] SIMPLEHUMAN, LLC, US
[22] 2016-09-13
[41] 2017-03-16
[30] US (14/856,309) 2015-09-16
[30] US (62/304,076) 2016-03-04

[21] **2,941,815**
[13] A1
[51] **Int.Cl. G05B 19/409 (2006.01) G05B 23/00 (2006.01)**
[25] EN
[54] **CLIENT INITIATED VENDOR VERIFIED TOOL SETTING**
[54] **PARAMETRE D'OUTIL VERIFIE PAR LE FOURNISSEUR INITIE PAR LE CLIENT**
[72] CLEMENT, MIGUEL, CA
[72] MENARD, STEPHANE, CA
[72] BRUNEAU, DOMINIQUE, CA
[72] GABRIELS, DAVID, CA
[71] INOVATECH ENGINEERING CORP., CA
[22] 2016-09-15
[41] 2017-03-15
[30] US (62/218,611) 2015-09-15

[21] **2,941,818**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE RING SHROUD RETENTION METHODS - CMC PIN-HEAD**
[54] **METHODES DE RETENTION D'UNE VIROLE EN COMPOSITE A MATRICE CERAMIQUE - TETE - TIGE CMC**
[72] FITZPATRICK, DYLAN JAMES, US
[72] TURA, CHRISTOPHER PAUL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-15
[41] 2017-03-18
[30] US (14/858,508) 2015-09-18

[21] **2,941,820**
[13] A1
[51] **Int.Cl. B24C 3/32 (2006.01)**
[25] EN
[54] **SUPERCRITICAL WATER METHOD FOR TREATING INTERNAL PASSAGES**
[54] **PROCEDE D'EAU SUPERCRITIQUE DESTINE AU TRAITEMENT DE PASSAGES INTERNES**
[72] GOLD, SCOTT ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-15
[41] 2017-03-18
[30] US (14/858,616) 2015-09-18

[21] **2,941,847**
[13] A1
[51] **Int.Cl. E05D 13/00 (2006.01)**
[25] EN
[54] **SIDE-LOAD, CONSTANT FORCE WINDOW AND WINDOW BALANCE ASSEMBLY**
[54] **FENETRE A FORCE CONSTANTE ET CHARGEMENT LATERAL ET ASSEMBLAGE D'EQUILIBRAGE DE FENETRE**
[72] DENORMAND, RICHARD S., US
[72] SOFIANEK, JAY, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218,201) 2015-09-14
[30] US (15/257,183) 2016-09-06

[21] **2,941,871**
[13] A1
[51] **Int.Cl. G06Q 50/18 (2012.01) G06F 15/18 (2006.01) G06F 17/18 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **IMPROVED DOCKET SEARCH AND ANALYTICS ENGINE**
[54] **MOTEUR DE RECHERCHE ET ANALYSE DE BORDEREAU AMELIORE**
[72] SALAS, DANIEL F., US
[72] SCHILDER, FRANK, US
[72] VACEK, THOMAS W., US
[71] THOMSON REUTERS GLOBAL RESOURCES, CH
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218024) 2015-09-14
[30] US (15/173061) 2016-06-03

[21] **2,941,886**
[13] A1
[51] **Int.Cl. A01D 69/02 (2006.01) A01D 34/82 (2006.01) A01D 69/10 (2006.01) H02J 7/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **POWER TOOL AND CONTROL CIRCUIT THEREOF**
[54] **OUTIL ELECTRIQUE ET CIRCUIT DE COMMANDE ASSOCIE**
[72] YANG, DEZHONG, CN
[72] XIAN, CHAO, CN
[71] CHERVON (HK) LIMITED, HK
[22] 2016-09-12
[41] 2017-03-14
[30] CN (201510584010.9) 2015-09-14
[30] US (15/261,346) 2016-09-09

[21] **2,941,893**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **CONNECTED DEVICE-BASED PROPERTY EVALUATION**
[54] **EVALUATION DE PROPRIETE FONDEE SUR UN APPAREIL CONNECTE**
[72] D'SOUZA, ROY, CA
[72] FRITZ, ROISIN LARA, CA
[72] BARNETT, JONATHAN K., CA
[72] DEL VECCHIO, ORIN, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-14
[41] 2017-03-14
[30] US (62/218,451) 2015-09-14

[21] **2,941,896**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/08 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **CONNECTED DEVICE-BASED PROPERTY EVALUATION**
[54] **EVALUATION DE PROPRIETE FONDEE SUR UN APPAREIL CONNECTE**
[72] D'SOUZA, ROY, CA
[72] FRITZ, ROISIN LARA, CA
[72] BARNETT, JONATHAN K., CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-14
[41] 2017-03-14
[30] US (62/218,451) 2015-09-14

[21] **2,941,899**
[13] A1
[51] **Int.Cl. G01P 13/02 (2006.01) B64D 47/00 (2006.01) G01M 9/06 (2006.01)**
[25] FR
[54] **MEASUREMENT OF AIR FLOW ALONG A WALL**
[54] **MESURE DES ECOULEMENTS D'AIR LE LONG D'UNE PAROI**
[72] VIALATTE, JEAN-LUC, FR
[72] TATRY, PHILIPPE, FR
[72] STUDER, GILLES, FR
[72] MALARD, LAURENT, FR
[72] BENOIT, NICOLAS, FR
[71] AIRBUS (SAS), FR
[71] AIRBUS OPERATIONS (SAS), FR
[22] 2016-09-13
[41] 2017-03-15
[30] FR (15 58 599) 2015-09-15

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[21] **2,941,936**
[13] A1
[51] **Int.Cl. E05D 13/00 (2006.01)**
[25] EN
[54] **SIDE-LOAD HUNG WINDOW ASSEMBLY WITH SASH GUIDES**
[54] **ASSEMBLAGE DE FENETRE A GUILLOTINE A CHARGE LATERAL AU MOYEN DE GUIDES DE CHASSIS**
[72] DENORMAND, RICHARD S., US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[22] 2016-09-14
[41] 2017-03-14
[30] US (62/218,201) 2015-09-14
[30] US (15/263,696) 2016-09-13

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[21] **2,941,937**
[13] A1
[51] **Int.Cl. A01F 25/14 (2006.01) A01F 25/13 (2006.01) E04H 7/22 (2006.01)**
[25] EN
[54] **ELECTRIC GRAIN AGRICULTURE BIN LID**
[54] **COUVERCLE DE BAC A GRAINS ELECTRIQUE**
[72] NEUFELD, JUAN, CA
[72] THIESSEN, BERNIE, CA
[71] MERIDIAN MANUFACTURING INC., CA
[22] 2016-09-14
[41] 2017-03-14
[30] US (62/218237) 2015-09-14

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[21] **2,941,939**
[13] A1
[51] **Int.Cl. B23Q 3/12 (2006.01) B23Q 3/14 (2006.01)**
[25] EN
[54] **COUPLING SYSTEM FOR USE WITH A SPINDLE APPARATUS OF A MACHINE TOOL**
[54] **MECANISME DE RACCORDEMENT DESTINE A UN APPAREIL DE MANDRIN D'UN OUTIL D'USINAGE**
[72] SCHWENK, GASTON, DE
[72] KETELAER, JENS, DE
[71] SAUER GMBH, DE
[22] 2016-09-14
[41] 2017-03-18
[30] DE (10 2015 218 030.1) 2015-09-18

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[21] **2,941,946**
[13] A1
[51] **Int.Cl. E05D 15/26 (2006.01) E05D 13/00 (2006.01) E06B 3/48 (2006.01) E06B 3/50 (2006.01)**
[25] EN
[54] **FOLD-UP WINDOW HARDWARE**
[54] **QUINCAILLERIE DE FENETRE PLIANTE**
[72] SEBASTIAN, ANTHONY, US
[72] LUCCI, ROBERT M., US
[72] MILLIGAN, PATRICK, US
[72] MCINNIS, JAMES, US
[72] GILLOW, BEAU, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[22] 2016-09-14
[41] 2017-03-15
[30] US (62/218,827) 2015-09-15
[30] US (15/263,547) 2016-09-13

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[21] **2,941,954**
[13] A1
[51] **Int.Cl. E04B 1/38 (2006.01) E04B 1/92 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **HOLD DOWN SYSTEM WITH DISTRIBUTED LOADING FOR BUILDING WALLS**
[54] **SYSTEME DE MAINTIEN A CHARGEMENT DISTRIBUE DESTINE AUX MURS DE BATIMENT**
[72] ESPINOSA, THOMAS M., US
[71] CETRES HOLDINGS, LLC, US
[22] 2016-09-15
[41] 2017-03-15
[30] US (62/219,005) 2015-09-15

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[21] **2,941,960**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **AUTOMATED SYSTEM AND METHOD FOR VALIDATING RULED-BASED SCRIPTS AND GENERATING REGIONAL-BASED PRICING DEPENDENT ON PRODUCT CONFIGURATION**
[54] **SYSTEME AUTOMATISE ET METHODE DESTINES A LA VALIDATION DE SCRIPTS FONDES SUR DES REGLES ET A LA PRODUCTION DE PRIX REGIONAUX QUI DEPENDENT DE LA CONFIGURATION DU PRODUIT**
[72] OTTEN, HANS, US
[71] AUTODATA SOLUTIONS, INC., US
[22] 2016-09-15
[41] 2017-03-15
[30] US (62/219,047) 2015-09-15
[30] US (15/265,772) 2016-09-14

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[21] **2,942,015**
[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01)**
[25] EN
[54] **METHOD OF FORMING PRESSURE PAD OR OTHER FLEXIBLE ELEMENT FOR USE DURING CURE OF COMPOSITE MATERIALS**
[54] **METHODE DE FORMATION D'UN COUSSIN DE PRESSION OU AUTRE ELEMENT SOUPLE SERVANT PENDANT LE DURCISSEMENT DE MATERIAU COMPOSITE**
[72] LAUZON, MARC, CA
[72] DUPRE, PATRICK, CA
[72] OCTEAU, MARC-ANDRE, CA
[72] FORGET, PASCAL, CA
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218,286) 2015-09-14

[21] **2,942,019**
[13] A1
[51] **Int.Cl. B29C 70/48 (2006.01)**
[25] EN
[54] **MODULAR TOOLING FOR MANUFACTURING MULTI-CAVITY COMPOSITE STRUCTURES**
[54] **OUTILLAGE MODULAIRE DESTINE A LA FABRICATION DE STRUCTURES EN COMPOSITE MULTICAVITE**
[72] GINGRAS, RICHARD, CA
[72] ROY, STEVEN, CA
[72] OCTEAU, MARC-ANDRE, CA
[72] FORGET, PASCAL, CA
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2016-09-13
[41] 2017-03-14
[30] US (62/218,292) 2015-09-14

[21] **2,942,027**
[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **TUNING BUILDING CONTROL SYSTEMS**
[54] **MISE AU POINT DE SYSTEME DE CONTROLE DE BATIMENT**
[72] JI, KUN, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2016-09-14
[41] 2017-03-16
[30] US (14/855,634) 2015-09-16

[21] **2,942,029**
[13] A1
[51] **Int.Cl. F42B 39/00 (2006.01) F42B 4/26 (2006.01) F42B 4/28 (2006.01)**
[25] EN
[54] **RETENTION CLIPS FOR SAFETY MECHANISMS OF ILLUMINATION FLARES, SAFETY MECHANISMS AND ILLUMINATION FLARES SO EQUIPPED, AND RELATED METHODS**
[54] **PINCES DE RETENUE DESTINEES A DES MECANISMES DE SECURITE DE FUSEES ECLAIRANTES, MECANISMES DE SECURITE ET FUSEES ECLAIRANTES AINSI EQUIPEES, ET METHODES ASSOCIEES**
[72] THOMPSON, MARK A., US
[72] ROBBINS, STEVEN M., US
[72] GESLIN, MICHAEL, US
[71] ORBITAL ATK, INC., US
[22] 2016-09-15
[41] 2017-03-17
[30] US (14/857,207) 2015-09-17

[21] **2,942,032**
[13] A1
[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **TEST PLAN INSPECTION PLATFORM**
[54] **PLATEFORME D'INSPECTION DE PLAN D'ESSAI**
[72] TAHBOUB, OMAR, US
[72] KASS, ALEX, US
[72] MEHTA, MANISH, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2016-09-15
[41] 2017-03-15
[30] US (62/218,832) 2015-09-15

[21] **2,942,066**
[13] A1
[51] **Int.Cl. E04F 21/06 (2006.01)**
[25] EN
[54] **LOOSEFILL INSULATION BLOWING MACHINE**
[54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC**
[72] COOK, DAVID M., US
[72] ROBINSON, BRANDON, US
[72] RELYEA, CHRISTOPHER, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-09-16
[41] 2017-03-16
[30] US (62/219,418) 2015-09-16

[21] **2,942,077**
[13] A1
[51] **Int.Cl. E04F 21/08 (2006.01)**
[25] EN
[54] **LOOSEFILL INSULATION BLOWING MACHINE**
[54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC**
[72] COOK, DAVID M., US
[72] ROBINSON, BRANDON, US
[72] RELYEA, CHRISTOPHER, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-09-16
[41] 2017-03-16
[30] US (62/219,418) 2015-09-16

[21] **2,942,092**
[13] A1
[51] **Int.Cl. B28D 1/22 (2006.01) E04C 1/00 (2006.01)**
[25] EN
[54] **BLOCK SPLITTER ASSEMBLY AND METHOD OF PRODUCING WALL BLOCKS**
[54] **MECANISME DIVISEUR DE BLOC ET METHODE DE PRODUCTION DE BLOCS MURAUX**
[72] LACROIX, DAVID M., US
[72] BAKNER, KYLE, US
[71] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[22] 2016-09-14
[41] 2017-03-15
[30] US (62/218793) 2015-09-15

[21] **2,942,094**
[13] A1
[51] **Int.Cl. B65B 9/00 (2006.01) B65B 11/48 (2006.01)**
[25] EN
[54] **A MACHINE FOR THE WRAPPING OF PALLETS**
[54] **UNE MACHINE D'EMBALLAGE DE PALETTES**
[72] BOCEDI, STEFANO, IT
[72] BUSATO, FEDERICO, IT
[71] OFFICINA BOCEDI S.R.L., IT
[22] 2016-09-14
[41] 2017-03-16
[30] IT (102015000052180) 2015-09-16

[21] **2,942,095**
[13] A1
[51] **Int.Cl. A01K 83/00 (2006.01)**
[25] EN
[54] **RESIN CLOSED EYE ON A FISHING HOOK**
[54] **OEIL FERME PAR UNE RESINE SUR UN HAMECON**
[72] MATHIEU, CYRILLE, US
[71] RAPALA VMC CORPORATION, FI
[22] 2016-09-15
[41] 2017-03-15
[30] US (62/218,784) 2015-09-15

[21] **2,942,098**
[13] A1
[51] **Int.Cl. B60R 19/18 (2006.01) B60R 19/24 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **REAR IMPACT GUARD**
[54] **PROTECTEUR D'IMPACT ARRIERE**
[72] WYLEZINSKI, ANDRZEJ, US
[72] BELCHER, BRIAN C., US
[72] KUNKEL, DAVID P., US
[71] WABASH NATIONAL, L.P., US
[22] 2016-09-15
[41] 2017-03-16
[30] US (62/219,409) 2015-09-16
[30] US (62/258,073) 2015-11-20

[21] **2,942,112**
[13] A1
[51] **Int.Cl. A61L 27/42 (2006.01) B33Y 10/00 (2015.01) G05B 19/18 (2006.01)**
[25] EN
[54] **A COMPOSITION OF ORTHOPEDIC KNEE IMPLANT AND THE METHOD FOR MANUFACTURE THEREOF**
[54] **UNE COMPOSITION D'IMPLANT DE GENOU ORTHOPEDIQUE ET LA METHODE DE FABRICATION ASSOCIEE**
[72] BALI, SULZHAN, IN
[72] KUPPUSWAMY, LALITHA, IN
[71] BALI, SULZHAN, IN
[71] KUPPUSWAMY, LALITHA, IN
[22] 2016-09-14
[41] 2017-03-15
[30] IN (4901/CHE/2015) 2015-09-15

[21] **2,942,114**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **HIGHLY FLEXIBLE, USER FRIENDLY WIDGETS FOR HEALTH AND USAGE MANAGEMENT SYSTEMS**
[54] **GADGETS CONVIVIAUX ET TRES SOUPLES DESTINES A LA SANTE ET SYSTEMES DE GESTION DE L'UTILISATION**
[72] BERENBAUM, ARTHUR, US
[72] BERGERON, JESSICA L., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-09-14
[41] 2017-03-15
[30] US (14/854,614) 2015-09-15

[21] **2,942,115**
[13] A1
[51] **Int.Cl. B29C 70/48 (2006.01)**
[25] EN
[54] **MODULAR MANDREL FOR MONOLITHIC COMPOSITE FUSELAGE**
[54] **MANDRIN MODULAIRE DESTINE A UN FUSELAGE EN COMPOSITE MONOLITHIQUE**
[72] TESSIER, SYLVAIN, CA
[72] GINGRAS, RICHARD, CA
[72] DIONNE, JACQUES, CA
[72] BEDNAR, FELIX, CA
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2016-09-14
[41] 2017-03-14
[30] US (62/218,278) 2015-09-14

[21] **2,942,116**
[13] A1
[51] **Int.Cl. G10L 15/32 (2013.01) G10L 15/183 (2013.01) B64D 47/00 (2006.01) G01C 23/00 (2006.01)**
[25] FR
[54] **AUTOMATIC VOICE RECOGNITION WITH DETECTION OF AT LEAST ONE CONTEXTUAL ELEMENT, APPLICATION TO STEERING AND MAINTENANCE OF AN AIRCRAFT**
[54] **RECONNAISSANCE VOCALE AUTOMATIQUE AVEC DETECTION D'AU MOINS UN ELEMENT CONTEXTUEL, ET APPLICATION AU PILOTAGE ET A LA MAINTENANCE D'UN AERONEF**
[72] GIROD, HERVE, FR
[72] KOU, PAUL, FR
[72] SAEZ, JEAN-FRANCOIS, FR
[71] DASSAULT AVIATION, FR
[22] 2016-09-14
[41] 2017-03-15
[30] FR (15 01 907) 2015-09-15

[21] **2,942,118**
[13] A1
[51] **Int.Cl. B29C 73/24 (2006.01) B29C 73/02 (2006.01)**
[25] EN
[54] **A REPAIR KIT FOR PREPARING POLYMERIC COMPOSITIONS FOR REPAIRING SURFACES AND METHODS OF USE THEREOF**
[54] **UNE TROUSSE DE REPARATION SERVANT A PREPARER DES COMPOSITIONS POLYMERES DE REPARATION DE SURFACES ET METHODES D'UTILISATION ASSOCIEES**
[72] LOOMIS, ROBERT M., US
[72] WETHERELL, MICHAEL R., US
[72] WERST, NATHAN E., US
[72] ANATER, MARK T., US
[71] WILLAMETTE VALLEY COMPANY, US
[22] 2016-09-14
[41] 2017-03-15
[30] US (14/854,668) 2015-09-15

[21] **2,942,126**
[13] A1
[51] **Int.Cl. E05F 15/632 (2015.01)**
[25] EN
[54] **POWERED ACTUATOR**
[54] **ACTIONNEUR ELECTRIQUE**
[72] RODEMS, ERIC, US
[72] LUCCI, ROBERT M., US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[22] 2016-09-15
[41] 2017-03-15
[30] US (62/218,811) 2015-09-15
[30] US (15/263,813) 2016-09-13

[21] **2,942,136**
[13] A1
[51] **Int.Cl. A01D 41/12 (2006.01) A01D 41/00 (2006.01)**
[25] EN
[54] **TRANSITION CONE LINER FOR A FARM COMBINE**
[54] **REVETEMENT INTERIEUR DE CONE DE TRANSITION DESTINE A UNE MOISSONNEUSE-BATTEUSE**
[72] BOK, RAYMOND L., US
[71] BOK, RAYMOND L., US
[22] 2016-09-16
[41] 2017-03-17
[30] US (62/219,723) 2015-09-17

[21] **2,942,153**
[13] A1
[51] **Int.Cl. F02D 41/04 (2006.01) F02D 41/30 (2006.01) F02D 45/00 (2006.01)**
[25] EN
[54] **FUEL INJECTION CONTROLLING APPARATUS**
[54] **APPAREIL DE CONTROLE D'INJECTION DE CARBURANT**
[72] ENDO, YOHEI, JP
[72] NOZAKI, YASUHIRO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-09-16
[41] 2017-03-18
[30] JP (2015-185450) 2015-09-18

[21] **2,942,155**
[13] A1
[51] **Int.Cl. A01K 1/00 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT ALUMINUM LIVESTOCK CAGE**
[54] **CAGE DE BETAIL EN ALUMINIUM A POIDS LEGER**
[72] ROOSTEE, KENNETH P., US
[72] WARD, JERRY B., US
[72] HAGENAU, BRUCE A., US
[72] LANGFORD, CHARLES E., US
[71] ROOSTEE, KENNETH P., US
[71] WARD, JERRY B., US
[71] HAGENAU, BRUCE A., US
[71] LANGFORD, CHARLES E., US
[22] 2016-09-16
[41] 2017-03-18
[30] US (62/220,734) 2015-09-18

[21] **2,942,190**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B60P 7/04 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM WITH TENSION ADJUSTMENT**
[54] **MECANISME DE COUVERCLE DE TONNEAU A AJUSTEMENT DE TENSION**
[72] CARLSON, JOEL L., US
[72] SPENCER, MICHAEL R., US
[71] TRUXEDO, INC., US
[22] 2016-09-15
[41] 2017-03-17
[30] US (14/857,474) 2015-09-17

[21] **2,942,205**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) G06F 19/00 (2011.01) G10L 15/00 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM TO ENABLE REAL-TIME AVAILABILITY OF ACCESSIBLE FORMAT THROUGH MULTIMODAL, MULTICHANNEL ECO-SYSTEM**
[54] **METHODE ET SYSTEME PERMETTANT D'ACTIVER LA DISPONIBILITE EN TEMPS REEL DE FORMAT ACCESSIBLE PAR UN ECOSYSTEME MULTIMODAL MULTICANAL**
[72] JADHAV, CHARUDATTA VITTHAL, IN
[72] SHAH, UMANG SATISH KUMAR, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **OUTDOOR COVER PRODUCT WITH STRETCH PROPERTIES**
[54] **PRODUIT DE COUVERTURE EXTERIEURE DOTE DE PROPRIETES D'EXTENSIBILITE**
[72] CANTIN, JACQUES A., US
[72] PIERCE, JOHN, US
[71] INTERNATIONAL TEXTILE GROUP, INC., US
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[54] **COMBINATION THERAPY WITH DOUBLE NEGATIVE T-CELLS**
[54] **THERAPIE COMBINEE A CELLULES T DOUBLES NEGATIVES**
[72] ZHANG, LI, CA
[72] LEE, JONG BOK, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **THERMALLY CONDUCTIVE AGITATOR FOR SHAKER CUP**
[54] **AGITATEUR THERMOCONDUCTEUR DESTINE A UN GOBELET DE MELANGEUR**
[72] ROSS, ADAM L., US
[72] CROSBY, MARC J., US
[71] EXEMPLAR DESIGN, LLC, US
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[54] **EDGE-SEALING SYSTEM & METHOD**
[54] **SYSTEME D'ETANCHEISATION DE REBORD ET METHODE**
[72] DEWITT, ANDREW WYNN, US
[72] DOLAN, JEFFREY ALAN, US
[72] NADLER, BRANDON SEVIER, US
[72] OLINGER, RODNEY LEE, US
[71] ROYAL GROUP, INC., US
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[54] **SYSTEMS AND METHODS FOR MANAGING COMPLIANCE WITH ONE OR MORE MINIMUM ADVERTISED PRICING POLICIES VIA INTERCONNECTED DATA STRUCTURES**
[54] **SYSTEMES ET METHODES DE GESTION DE LA CONFORMITE AVEC UNE OU PLUSIEURS POLITIQUES DE PRIX AFFICHES MINIMUMS AU MOYEN DE STRUCTURES DE DONNEES INTERCONNECTEES**
[72] VIERRA, ANTHONY, US
[71] VIESOFT, INC., US
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[54] **UNIVERSAL JOINT**
[54] **JOINT UNIVERSEL**
[72] MAW, JASON, CA
[72] ST-PIERRE, BEAU J., US
[72] KUMMER, NIKOLAI, CA
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
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[54] **ROTARY IMPACT TOOL**
[54] **OUTIL A PERCUSSION ROTATIF**
[72] MAW, JASON, CA
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
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[54] **ADDITIVE CONCENTRATES FOR THE FORMULATION OF LUBRICATING OIL COMPOSITIONS**
[54] **CONCENTRES ADDITIFS DESTINES A LA FORMULATION DE COMPOSITIONS D'HUILES LUBRIFIANTES**
[72] SKINNER, PHILIP, GB
[72] WHYTE, DANIEL, GB
[72] WATTS, PETER D., GB
[72] EMERT, JACOB, US
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **ADDITIVES FOR FUELS AND OILS COMPRISING FUNCTIONALISED DIBLOCK COPOLYMERS**
[54] **ADDITITFS DE COMBUSTIBLES ET HUILES RENFERMANT DES COPOLYMERES BISEQUENCES FONCTIONNALISES**
[72] HORNBY, BEN, GB
[72] WRIGHT, PETER MARTIN, GB
[72] THEAKER, GILES WILLIAM, GB
[72] LEWTAS, KENNETH, GB
[72] KAY, CHRISTOPHER JAMES, GB
[72] SCOTT, PETER, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **GRIPPER WITH INDEXABLE MOTOR SPEED REDUCER**
[54] **APPAREIL PREHENSEUR A REDUCTEUR DE VITESSE MOTEUR INDEXABLE**
[72] WILLIAMS, MATTHEW R., US
[71] PHD, INC., US
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[54] **ARRANGEMENT OF CINEMAS IN MULTIPLEX CINEMAS AND CINEMA ROOM FOR A MULTI-SCREEN CINEMA**
[54] **DISPOSITION DE CINEMAS DANS LES CINEMAS MULTIPLEX ET SALLE DE CINEMA DESTINEE AU CINEMA MULTI ECRAN**
[72] SALLENT PUIGCEROS, PERE, ES
[71] VALLESVIU, S.A., ES
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[25] EN
[54] **PUSH, PULL AND ROTATE DEADBOLT AND PASSAGE SET AND HELICAL GEAR MECHANISM THEREIN**
[54] **ENSEMBLE DE SERRURE A PENE DORMANT ET DE SERRURE A PASSAGE A POUSSER, TIRER ET PIVOTER ET MECANISME HELICOIDAL INTEGRE AUDIT ENSEMBLE**
[72] OLSON, JAMES, CA
[71] BIG TOE INNOVATIONS INC., CA
[22] 2016-09-15
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[54] **DEVICE, SYSTEM AND METHOD FOR RECOVERY OF GAS FROM FLUID-LOADED GAS WELLS**
[54] **DISPOSITIF, SYSTEME ET METHODE DE RECUPERATION DE GAZ DE PUITS DE GAZ CHARGES DE LIQUIDE**
[72] GETTIS, JAMES, CA
[71] OPTIMUM PETROLEUM SERVICES INC., CA
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[54] **LIGHTED LOADING RAMP**
[54] **RAMPE DE CHARGEMENT ECLAIREE**
[72] BREEDEN, WINSTON H., III, US
[72] KURNIAWAN, COLLEEN, US
[72] WHITNER, DOUGLAS E., US
[72] DRABOUSKY, DAVID, US
[71] WINSTON PRODUCTS, LLC, US
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[54] **EQUIPMENT AVAILABILITY SWITCH**
[54] **INDICATEUR DE DISPONIBILITE D'EQUIPEMENT**
[72] BOUCHARD, JEAN-PHILLIP, CA
[71] ISAAC INSTRUMENTS INC., CA
[22] 2016-09-16
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[54] **BEVERAGE BREWING PROCESS**
[54] **PROCEDE DE BRASSAGE DE BOISSON**
[72] NICHOLS, MELISSA, US
[71] BUNN-O-MATIC CORPORATION, US
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[25] EN
[54] **METHOD TO CORRECT ECCENTRICITY IN ULTRASONIC IMAGE PROFILES**
[54] **METHODE DE CORRECTION DE L'EXCENTRICITE DANS LES PROFILS D'IMAGES ULTRASONIQUES**
[72] MENEZES DE JESUS, CANDIDA, BR
[72] COMPAN, ANDE LUIS MARTINS, BR
[72] SURMAS, RODRIGO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
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[54] **MODULAR LIGHTING SYSTEM USING HANGERS AND POWER BARS**
[54] **SYSTEME D'ECLAIRAGE MODULAIRE EMPLOYANT DES SUPPORTS ET DES BARRES D'ALIMENTATION**
[72] SONNEMAN, ROBERT A., US
[71] SONNEMAN, ROBERT A., US
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[54] **INSECT CONTROL LIGHTING DEVICE**
[54] **DISPOSITIF LUMINEUX DE CONTROLE DES INSECTES**
[72] VAN KLEEF, PAUL, US
[71] VAN KLEEF, PAUL, US
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[54] **SYSTEME DE RESERVATION A DISTANCE D'ESPACE DE STATIONNEMENT PUBLIC**
[72] DERMOSESSIAN, RAPHAEL, CA
[71] PLEMICOR HOLDINGS CANADA INC., CA
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[54] **HOSE-REELING APPARATUS**
[54] **APPAREIL ENROULEUR DE TUYAU**
[72] MARTINSON, RORY, CA
[72] FEIST, WADE, CA
[72] POPPE, ALFONS, CA
[71] MARTINSON, RORY, CA
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[54] **ARBRE ARTIFICIEL SECTIONNEL ILLUMINE**
[72] WONG, TONY YAT WAH, HK
[71] GREENFIELDS CHRISTMAS TREE MANUFACTORY, HK
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[87] (2906337)

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[54] **STATIC GAS SEPARATOR FOR DOWNHOLE ELECTRIC SUBMERSIBLE PUMP**
[54] **SEPARATEUR DE GAZ STATIQUE DESTINE A UNE POMPE SUBMERSIBLE ELECTRIQUE DE FOND DE TROU**
[72] MORTON, JOHN L., III, US
[72] MORTON, JOHN L., JR., US
[71] STANLEY FILTER CO., LLC, US
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[54] **HERBICIDAL PROPYNYL-PHENYL COMPOUNDS**
[54] **COMPOSES PROPYNYLE-PHENYLE HERBICIDES**
[72] SCUTT, JAMES NICHOLAS, GB
[72] WILLETTS, NIGEL JAMES, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **POLYMYXINES FAIBLEMENT SUBSTITUEES ET COMPOSITIONS LES COMPRENANT**
[72] BJORNSTAD, VIDAR, NO
[72] GUNNES, SOLVI, NO
[72] KOCH, TORBEN, DK
[72] MELANDER, CLAES, SE
[71] XELLIA PHARMACEUTICALS APS, DK
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[54] **UTILISATION DE METABOLITES DE LA BUSPIRONE**
[72] HANSEN, JOHN BONDO, DK
[72] THOMSEN, MIKAEL S., DK
[71] CONTERA PHARMA APS, DK
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[54] **INDOLIN-2-ONE OR PYRROLO-PYRIDIN-2-ONE DERIVATIVES**
[54] **DERIVES D'INDOLIN-2-ONE OU DE PYRROLOPYRIDIN-2-ONE**
[72] HILPERT, HANS, CH
[72] KOLCZEWSKI, SABINE, DE
[72] HUMM, ROLAND, DE
[72] STOLL, THEODOR, CH
[72] MUSER, THORSTEN, DE
[72] PLANCHER, JEAN-MARC, FR
[72] GAUFRETEAU, DELPHINE, FR
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[54] **PROCEDE DE PRODUCTION D'ETHANOL A PARTIR D'AMIDON AU MOYEN D'UNE XYLANASE GH5**
[72] PEDERSEN, SVEN, DK
[72] EKLOEF, JENS, DK
[71] NOVOZYMES A/S, DK
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[54] **FORMULATIONS, THE PRODUCTION AND USE THEREOF, AND SUITABLE COMPONENTS**
[54] **FORMULATIONS, LEUR PRODUCTION ET LEUR UTILISATION ET COMPOSANTS APPROPRIES**
[72] TURK, HOLGER, DE
[72] WEBER, HEIKE, DE
[72] TUERKOGLU, GAZI, DE
[71] BASF SE, DE
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[25] EN
[54] **SUBSTITUTED CHROMENE DERIVATIVES AS SELECTIVE DUAL INHIBITORS OF PI3 DELTA AND GAMMA PROTEIN KINASES**
[54] **DERIVES SUBSTITUES DE CHROMENE EN TANT QU'INHIBITEURS DOUBLES SELECTIFS DES INHIBITEURS DE LA PI3 DELTA PROTEINE KINASE ET DE LA PI3 GAMMA PROTEINE KINASE**
[72] BHAVAR, PRASHANT KASHINATH, IN
[72] VAKKALANKA, SWAROOP KUMAR VENKATA SATYA, CH
[71] RHIZEN PHARMACEUTICALS SA, CH
[85] 2016-12-06
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[25] EN
[54] **DISINFECTANT AND ANTIMICROBIAL COMPOSITIONS, IN PARTICULAR FOR THE VETERINARY FIELD**
[54] **COMPOSITIONS DESINFECTANTES ET ANTIMICROBIENNES, EN PARTICULIER POUR LE DOMAINE VETERINAIRE**
[72] CABASSI, CLOTILDE SILVIA, IT
[72] FALANGA, GENNARO, IT
[72] ROMANI, ANTONELLO, IT
[71] I.C.F. S.R.L., IT
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[54] **NOUVEAU COMPOSE HETEROCYCLIQUE**
[72] PARK, JOON SEOK, KR
[72] YOON, YOUN JUNG, KR
[72] CHO, MIN JAE, KR
[72] LEE, HO BIN, KR
[72] YOO, JA KYUNG, KR
[72] LEE, BONG YONG, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
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[54] **PROCESS FOR PRODUCING LOW VOC GLYCOL ETHER ESTERS**
[54] **PROCEDE DE FABRICATION D'ESTERS D'ETHER GLYCOLIQUE A FAIBLE TENEUR EN COMPOSES ORGANIQUES VOLATILS**
[72] FRYCEK, GEORGE J., US
[72] DONATE, FELIPE A., US
[72] DAUGS, EDWARD D., US
[72] WACHOWICZ, REBECCA J., US
[72] TRUMBLE, JASON L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. C07C 67/08 (2006.01)**
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[54] **PROCESS FOR PRODUCING LOW VOC COALESCING AIDS**
[54] **PROCEDE DE PRODUCTION D'AGENTS DE COALESCENCE A FAIBLE TENEUR EN COV**
[72] FRYCEK, GEORGE J., US
[72] MERENOV, ANDREI S., US
[72] DONATE, FELIPE A., US
[72] DAUGS, EDWARD D., US
[72] MAURER, JULIE L., US
[72] WACHOWICZ, REBECCA J., US
[72] TRUMBLE, JASON L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **METHOD OF IDENTIFYING AND TREATING PREMATURE INFANTS AT RISK FOR BPD**
[54] **PROCEDE D'IDENTIFICATION ET DE TRAITEMENT DE NOURRISSONS PREMATURES AYANT UN RISQUE DE BPD**
[72] GREENE, DOUGLAS STUART, US
[72] MEDICIS, JOSEPH J., US
[72] POTENZIANO, JIM, US
[71] INO THERAPEUTICS LLC, US
[85] 2016-12-09
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[51] **Int.Cl. G01N 27/87 (2006.01)**
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[54] **METHOD AND APPARATUS FOR LEAKAGE FLUX TESTING**
[54] **PROCEDE ET DISPOSITIF DE TEST DE FLUX DE FUITE**
[72] UHLIG, ROBERT P., DE
[72] HECKER, FRIEDRICH, DE
[71] INSTITUT DR. FOERSTER GMBH & CO. KG, DE
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[51] **Int.Cl. A61K 31/498 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING HAND-FOOT SYNDROME AND SYMPTOMS ASSOCIATED THEREWITH**
[54] **METHODE DE TRAITEMENT DU SYNDROME MAIN-PIED ET DES SYMPTOMES ASSOCIES**
[72] ANDRES, PHILIPPE, FR
[71] GALDERMA S.A., CH
[85] 2016-12-12
[86] 2015-06-22 (PCT/EP2015/063930)
[87] (WO2015/197524)
[30] US (62/016,324) 2014-06-24

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[25] EN
[54] **GCSF FOR USE IN THE TREATMENT OF NEUROGENIC IMMUNE SUPPRESSION AND/OR PREVENTION OF RELATED MEDICAL COMPLICATIONS**
[54] **GCSF POUR SON UTILISATION DANS LE TRAITEMENT DE L'IMMUNOSUPPRESSION NEUROGENE ET/OU DANS LA PREVENTION DE COMPLICATIONS MEDICALES ASSOCIEES**
[72] WAGNER, DANIEL-CHRISTOPH, DE
[72] POSEL, CLAUDIA, DE
[72] WEISE, GESA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2015-06-17 (PCT/EP2015/063572)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING TTP WITH IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS AND USES THEREOF**
[54] **PROCEDES DE TRAITEMENT DU TTP AVEC DES DOMAINES VARIABLES UNIQUES D'IMMUNOGLOBULINE ET UTILISATIONS ASSOCIEES**
[72] DUBY, CHRISTIAN, BE
[71] ABLYNX NV, BE
[85] 2016-12-13
[86] 2015-06-16 (PCT/EP2015/063493)
[87] (WO2015/193326)
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[25] EN
[54] **DOUGH WITH A LIPOLYTIC ENZYME AND/OR XYLANASE AND A MONOOYGENASE**
[54] **PATE COMPRENANT UNE ENZYME LIPOLYTIQUE ET/OU UNE XYLANASE ET UNE MONO-OXYGENASE**
[72] LUNDKVIST, HENRIK, DK
[72] TOVBORG, MORTEN, DK
[72] DE MARIA, LEONARDO, DK
[72] SOONG, CHEE-LEONG, US
[71] NOVOZYMES A/S, DK
[85] 2016-12-13
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[54] **METHOD FOR ACTIVATING HYDROTREATING CATALYSTS**
[54] **PROCEDE D'ACTIVATION DE CATALYSEURS D'HYDROTRAITEMENT**
[72] HUMBLOT, FRANCIS, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-13
[86] 2015-06-15 (PCT/FR2015/051576)
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[25] EN
[54] **METHODS AND COMPOSITIONS OF BILE ACIDS AND SALTS FOR REDUCTION OF FAT**
[54] **METHODES ET COMPOSITIONS D'ACIDES BILIAIRES ET DE SELS POUR LA REDUCTION DE GRAISSE**
[72] JUNG, HYUN HO, KR
[72] YANG, GI HYEOK, KR
[72] LEE, JUNHO, KR
[72] CHO, SUJIN, KR
[71] MEDYTOX INC., KR
[85] 2016-12-13
[86] 2015-06-26 (PCT/IB2015/001646)
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[30] US (62/017,891) 2014-06-27

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[25] EN
[54] **INDOLIZINE DERIVATIVES AS PHOSHOINOSITIDE 3-KINASES INHIBITORS**
[54] **DERIVES D'INDOLIZINE SERVANT D'INHIBITEURS DES PHOSHOINOSITIDE 3-KINASES**
[72] BIAGETTI, MATTEO, IT
[72] ACCETTA, ALESSANDRO, IT
[72] CAPELLI, ANNA MARIA, IT
[72] GUALA, MATILDE, IT
[72] RETINI, MICHELE, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2016-12-14
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[25] EN
[54] **6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-COMPOUNDS FOR THE TREATMENT OF CHRONIC OBSTRUCTIVE AIRWAY DISEASES**
[54] **COMPOSES 6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-POUR LE TRAITEMENT DE MALADIES OBSTRUCTIVES CHRONIQUES DES VOIES RESPIRATOIRES**
[72] VAN DER GRAAF, ADRIANUS CORNELIS, NL
[72] SCHMIDT, MARTINA, NL
[72] EUVERINK, GERRIT JAN WILLEM, NL
[72] MEURS, HERMANUS, NL
[72] HENNING, ROBERT HENK, NL
[71] SULFATEQ B.V., NL
[85] 2016-12-13
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[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDES FOR THE TREATMENT OF USHER SYNDROME TYPE 2**
[54] **OLIGONUCLEOTIDES ANTISENS POUR LE TRAITEMENT DU SYNDROME DE USHER DE TYPE 2**
[72] VAN WYK, ERWIN HENDRIKUS ANTONIUS RUDOLFUS, NL
[71] STICHTING KATHOLIEKE UNIVERSITEIT, NL
[85] 2016-12-14
[86] 2015-07-09 (PCT/EP2015/065736)
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[51] **Int.Cl. C07D 215/56 (2006.01) A61K 31/47 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **NOVEL FLUOROQUINOLONES AND USE THEREOF TO TREAT BACTERIAL INFECTIONS**
[54] **NOUVEAUX FLUOROQUINOLONES ET LEUR UTILISATION POUR TRAITER DES INFECTIONS BACTERIENNES**
[72] AUBRY, ALEXANDRA, FR
[72] ANQUETIN, GUILLAUME, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE - PARIS 6 (UPMC), FR
[85] 2016-12-14
[86] 2015-06-18 (PCT/EP2015/063752)
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[25] EN
[54] **3-AMINO-1,5,6,7-TETRAHYDRO-4H-INDOL-4-ONES**
[54] **3-AMINO -1,5,6,7-TETRAHYDRO-4 H-INDOL-4-ONES**
[72] GRAHAM, KEITH, DE
[72] KLAR, ULRICH, DE
[72] BRIEM, HANS, DE
[72] HITCHCOCK, MARION, DE
[72] BARFACKER, LARS, DE
[72] EIS, KNUT, DE
[72] SCHULZE, VOLKER, DE
[72] SIEMEISTER, GERHARD, DE
[72] BONE, WILHELM, DE
[72] SCHRODER, JENS, DE
[72] HOLTON, SIMON, DE
[72] LIENAU, PHILIP, DE
[72] TEMPEL, RENE, DE
[72] SONNENSCHEIN, HELMUT, DE
[72] BALINT, JOZSEF, DE
[72] GRAUBAUM, HEINZ, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. C07K 14/11 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **INFLUENZA VIRUS VACCINES AND USES THEREOF**
[54] **VACCINS CONTRE LE VIRUS DE LA GRIPPE ET LEURS UTILISATIONS**
[72] IMPAGLIAZZO, ANTONIETTA, NL
[72] MEIJBERG, JAN WILEM, NL
[72] RADOSEVIC, KATARINA, NL
[72] WAGNER, MICHELLE, US
[72] DING, ZHAOQING, US
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2016-12-08
[86] 2015-07-09 (PCT/EP2015/065661)
[87] (WO2016/005480)
[30] EP (14176451.4) 2014-07-10
[30] US (62/062,746) 2014-10-10
[30] EP (14195133.5) 2014-11-27

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 16/42 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTIBODIES BINDING AXL**
[54] **ANTICORPS SE LIANT A AXL**
[72] BREIJ, ESTHER, NL
[72] SATIJN, DAVID, NL
[72] VAN DEN BRINK, EDWARD NORBERT, NL
[72] VERZIJL, DENNIS, NL
[72] DE JONG, ROB N., NL
[72] PARREN, PAUL, NL
[72] VAN DIJKHUIZEN RADERSMA, RIEMKE, NL
[71] GENMAB A/S, DK
[85] 2016-12-16
[86] 2015-07-10 (PCT/EP2015/065900)
[87] (WO2016/005593)
[30] DK (PA 2014 00380) 2014-07-11
[30] DK (PA 2014 00489) 2014-09-01
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[51] **Int.Cl. A61L 9/14 (2006.01) B41J 2/045 (2006.01) B81B 7/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION MICROFLUIDIQUE**
[72] GRUENBACHER, DANA PAUL, US
[72] BUSH, STEPHAN GARY, US
[72] NEO, TECK KHIM, SG
[72] HUNT, DAVE, US
[72] SCHIEFFELIN, JOSEPH EDWARD, US
[72] WEBB, STEVEN, US
[72] GIUSTI, DOMENICO, IT
[72] DODD, SIMON, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2015-06-19 (PCT/US2015/036548)
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[30] US (14/310,311) 2014-06-20

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[13] A1
[51] **Int.Cl. C07K 5/103 (2006.01) A61K 38/07 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATING OR AMELIORATING MIGRAINE**
[54] **PROCEDES DE TRAITEMENT OU DE SOULAGEMENT DE LA MIGRAINE**
[72] MOSKAL, JOSEPH R., US
[72] STANTON, PATRIC, US
[71] NORTHWESTERN UNIVERSITY, US
[71] NAUREX, INC., US
[85] 2016-12-20
[86] 2015-06-23 (PCT/US2015/037177)
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[30] US (62/015,727) 2014-06-23
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[51] **Int.Cl. C12N 9/96 (2006.01) A23K 10/14 (2016.01) A23C 19/02 (2006.01) A23C 19/032 (2006.01) A23C 19/04 (2006.01) C12N 9/64 (2006.01) C12N 9/98 (2006.01)**
[25] EN
[54] **MILK CLOTTING ASPARTIC PROTEASE ENZYME COMPOSITION**
[54] **COMPOSITION D'ENZYME PROTEASE A ACIDE ASPARTIQUE POUR LE CAILLAGE DU LAIT**
[72] LUND, MARTIN, DK
[72] HANSEN, ENIKOE FODOR, DK
[72] JACOBSEN, JONAS, DK
[72] VAN DEN BRINK, JOHANNES MAARTEN, DK
[71] CHR. HANSEN A/S, DK
[85] 2016-12-05
[86] 2015-07-10 (PCT/EP2015/065885)
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[30] EP (14176744.2) 2014-07-11

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[25] EN
[54] **RESHAPING OF DEFORMED COMPONENTS FOR ASSEMBLY**
[54] **REMODELAGE DE COMPOSANTS DEFORMES POUR ASSEMBLAGE**
[72] REGNAULT, LAURENT, CA
[72] SIROIS, SEBASTIEN, CA
[71] BOMBARDIER INC., CA
[85] 2016-12-21
[86] 2015-05-29 (PCT/IB2015/054095)
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[30] US (62/018,047) 2014-06-27

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[51] **Int.Cl. C07K 14/11 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **INFLUENZA VIRUS VACCINES AND USES THEREOF**
[54] **VACCINS CONTRE LE VIRUS INFLUENZA ET LEURS UTILISATIONS**
[72] IMPAGLIAZZO, ANTONIETTA, NL
[72] MEIJBERG, JAN WILEM, NL
[72] RADOSEVIC, KATARINA, NL
[72] WAGNER, MICHELLE, US
[72] DING, ZHAOQING, US
[71] JANSSEN VACCINES & PREVENTION B.V., NL
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[86] 2015-07-09 (PCT/EP2015/065663)
[87] (WO2016/005482)
[30] EP (14176459.7) 2014-07-10
[30] US (62/062,754) 2014-10-10
[30] EP (14195143.4) 2014-11-27
[30] EP (15155761.8) 2015-02-19

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[51] **Int.Cl. C12C 7/00 (2006.01) C12C 3/00 (2006.01) C12C 3/12 (2006.01) C12C 7/20 (2006.01)**
[25] EN
[54] **PROCESS FOR BEER BREWING WITH ADDITION OF ALKALI METAL HUMULATES AND ALKALI METAL LUPULATES TO THE WORT**
[54] **PROCEDE POUR LE BRASSAGE DE LA BIERE AVEC ADDITION D'HUMULATES DE METAL ALCALIN ET DE LUPULATES DE METAL ALCALIN AU MOUT**
[72] MERTENS, PASCAL, BE
[71] IFAST NV, BE
[85] 2016-12-22
[86] 2015-07-09 (PCT/EP2015/065693)
[87] (WO2016/005494)
[30] GB (1412212.1) 2014-07-09

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[13] A1
[51] **Int.Cl. G06F 21/35 (2013.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING SYSTEM**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DE TRAITEMENT D'INFORMATIONS**
[72] SAKUMOTO, KOICHI, JP
[71] SONY CORPORATION, JP
[85] 2016-12-22
[86] 2015-05-13 (PCT/JP2015/063731)
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[30] JP (2014-163751) 2014-08-11
[30] JP (2015-003384) 2015-01-09

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[51] **Int.Cl. B23K 9/24 (2006.01) B23K 9/16 (2006.01) B23K 9/167 (2006.01) B23K 35/02 (2006.01) H05H 1/28 (2006.01) H05H 1/34 (2006.01)**
[25] EN
[54] **ELECTRODE FOR A WELDING TORCH FOR TUNGSTEN GAS-SHIELDED WELDING AND WELDING TORCH HAVING SUCH AN ELECTRODE**
[54] **ELECTRODE POUR TORCHE DE SOUDAGE POUR LE SOUDAGE AU TUNGSTENE SOUS PROTECTION GAZEUSE ET TORCHE DE SOUDAGE POURVUE D'UNE TELLE ELECTRODE**
[72] SIEWERT, ERWAN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2016-12-28
[86] 2015-07-07 (PCT/EP2015/001382)
[87] (WO2016/008572)
[30] DE (10 2014 010 489.3) 2014-07-15
[30] DE (10 2015 001 455.2) 2015-02-05

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[51] **Int.Cl. A21D 8/04 (2006.01) A21D 8/00 (2006.01) A21D 10/00 (2006.01) A21D 13/06 (2017.01) C12N 9/28 (2006.01)**
[25] EN
[54] **SUGAR-PRODUCING AND TEXTURE-IMPROVING BAKERY METHODS AND PRODUCTS FORMED THEREFROM**
[54] **PROCEDES DE BOULANGERIE DE PRODUCTION DE SUCRE ET D'AMELIORATION DE TEXTURE ET PRODUITS FORMES A PARTIR DE CES DERNIERS**
[72] FENG, GUOHUA, US
[72] GUILFOYLE, EMILY, US
[72] STINSON, JESSE, US
[72] SKOGERSON, LAWRENCE, US
[71] CARAVAN INGREDIENTS INC., US
[85] 2017-01-04
[86] 2015-07-08 (PCT/EP2015/065612)
[87] (WO2016/005452)
[30] EP (14176074.4) 2014-07-08
[30] US (62/021,899) 2014-07-08

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[51] **Int.Cl. A23D 7/005 (2006.01) A23L 29/10 (2016.01) A23D 7/00 (2006.01) A23D 7/04 (2006.01)**
[25] EN
[54] **POURABLE WATER-IN-OIL COOKING COMPOSITION**
[54] **COMPOSITION DE CUISSON EAU DANS HUILE VERSABLE**
[72] HOGERVORST, WIM THEODORUS, NL
[72] VERDUYN, ALEXANDER, NL
[72] WIERSMA, JONNA ALEIDE, NL
[71] UNILEVER BCS LIMITED, GB
[85] 2017-01-05
[86] 2015-06-30 (PCT/EP2015/064830)
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[30] EP (14176779.8) 2014-07-11

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[13] A1
[51] **Int.Cl. F24D 19/10 (2006.01) F04D 25/08 (2006.01) F04D 27/00 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **INTEGRATED THERMAL COMFORT CONTROL SYSTEM WITH SHADING CONTROL**
[54] **SYSTEME DE COMMANDE DE CONFORT THERMIQUE INTEGRE AYANT UNE COMMANDE D'OMBRAGE**
[72] ADAM, BRITTANY, US
[72] TABER, CHRISTIAN R., US
[72] OLSEN, JON, US
[71] DELTA T CORPORATION, US
[85] 2017-01-05
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[30] US (62/024,229) 2014-07-14

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[25] EN
[54] **MULTIVARIABLE BAKING METHOD AND DEVICE THEREFOR**
[54] **PROCEDE DE CUISSON MULTIVARIABLE ET DISPOSITIF ASSOCIE**
[72] TROCKELS, HANS-GUNTER, DE
[72] JANK, RUDIGER, DE
[72] NASSE, BERND, DE
[71] KUCHENMEISTER GMBH, DE
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[54] **CONVERTER WITH REDUNDANT CIRCUIT TOPOLOGY**
[54] **CONVERTISSEUR AYANT UNE TOPOLOGIE DE COMMUTATION REDONDANTE**
[72] LUTZE, MARCEL, DE
[72] PFEIFER, MARKUS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. C07K 16/24 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **IMMUNE-STIMULATING MONOCLONAL ANTIBODIES AGAINST HUMAN INTERLEUKIN-2**
[54] **ANTICORPS MONOCLONAUX DE STIMULATION IMMUNITAIRE CONTRE L'INTERLEUKINE-2 HUMAINE**
[72] ZOU, CHAO, CH
[72] BOYMAN, ONUR, CH
[72] ARENAS-RAMIREZ, NATALIA, CH
[71] NOVARTIS AG, CH
[71] UNIVERSITAT ZURICH, CH
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[25] EN
[54] **CONVERTER COMPRISING REDUNDANT SWITCH-FUSE COMBINATIONS AND METHOD FOR SELECTIVE TRIGGERING OF THE FUSE IN THE EVENT OF SWITCH FAILURE**
[54] **CONVERTISSEUR AYANT DES COMBINAISONS REDONDANTES D'INTERRUPTEUR-COUPE-CIRCUIT A FUSIBLE ET PROCEDE DE DECLENCHEMENT SELECTIF DE LA SECURITE DANS LE CAS D'UNE DEFAILLANCE D'INTERRUPTEUR**
[72] LEHNERT, RAINER, DE
[72] PFEIFER, MARKUS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHODS AND PRODUCTS FOR QUANTIFYING RNA TRANSCRIPT VARIANTS**
[54] **PROCEDES ET PRODUITS POUR LA QUANTIFICATION DE VARIANTS DE PRODUITS DE TRANSCRIPTION D'ARN**
[72] PAUL, LUKAS, AT
[72] KUBALA, PETRA, AT
[72] REDA, TORSTEN, AT
[71] LEXOGEN GMBH, AT
[85] 2017-01-06
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[25] EN
[54] **METHOD OF DETECTING CLEAVED SNAP25 IN TISSUE SAMPLES**
[54] **PROCEDE DE DETECTION DE SNAP25 CLIVE DANS DES ECHANTILLONS DE TISSUS**
[72] BROIDE, RON S., US
[72] CAI, BRIAN, US
[72] FERNANDEZ-SALAS, ESTER, US
[72] FRANCIS, JOSEPH, US
[72] RHEAUME, CATHERINE, US
[71] ALLERGAN, INC., US
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[54] **PLUG CONNECTOR AND COMPONENT**
[54] **CONNECTEUR ET COMPOSANT**
[72] MODINGER, ROLAND, DE
[72] MOLITOR, STEFAN, DE
[72] LAPPOHN, JURGEN, DE
[72] GNEITING, THOMAS, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
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[25] EN
[54] **REMOTE AUDIOVISUAL COMMUNICATION SYSTEM BETWEEN TWO OR MORE USERS, LAMP WITH LIGHTS WITH LUMINOUS CHARACTERISTICS WHICH CAN VARY ACCORDING TO EXTERNAL INFORMATION SOURCES, SPECIFICALLY OF AUDIO TYPE, AND ASSOCIATED COMMUNICATION METHOD**
[54] **SYSTEME DE COMMUNICATION AUDIOVISUELLE A DISTANCE ENTRE DEUX OU PLUSIEURS UTILISATEURS, LAMPE AVEC DES LUMIERES PRESENTANT DES CARACTERISTIQUES LUMINEUSES POUVANT VARIER EN FONCTION DE SOURCES D'INFORMATIONS EXTERNES, SPECIFIQUEMENT DE TYPE AUDIO, ET PROCEDE DE COMMUNICATION ASSOCIE**
[72] PISANI, PATRIZIO, IT
[71] PISANI, PATRIZIO, IT
[71] PISANI, LUCIA, IT
[85] 2017-01-06
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[25] EN
[54] **METHOD OF COLOR-DYEING A LENS FOR GOGGLES AND GLASSES**
[54] **PROCEDE DE COLORATION D'UN VERRE DE LUNETTES (PROTECTRICES)**
[72] PADOVANI, ROBERTO, IT
[72] TERZI, DAVIDE, IT
[72] GLOGE, THOMAS, DE
[72] UHL, EBERHARD, DE
[71] CARL ZEISS VISION ITALIA S.P.A., IT
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[51] **Int.Cl. C12Q 1/37 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **SRM/MRM ASSAY FOR THE TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY MEMBER 8 (CD30) PROTEIN**
[54] **DOSAGE SRM/MRM DE LA PROTEINE DU MEMBRE 8 DE LA SUPERFAMILLE DES RECEPTEURS DU FACTEUR DE NECROSE TUMORALE (CD30)**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] LIAO, WEI-LI, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2017-01-09
[86] 2015-07-13 (PCT/US2015/040224)
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[25] EN
[54] **STABILIZATION OF POLY(A) SEQUENCE ENCODING DNA SEQUENCES**
[54] **STABILISATION DE SEQUENCES D'ADN CODANT POUR UNE SEQUENCE POLY (A)**
[72] EBERLE, FLORIAN, DE
[72] SAHIN, UGUR, DE
[72] KUHN, ANDREAS, DE
[72] VALLAZZA, BRITTA, DE
[72] DIKEN, MUSTAFA, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GGMBH, DE
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[25] EN
[54] **ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF**
[54] **ANTICORPS ANTI-PD-L1 ET LEURS UTILISATIONS**
[72] VENNAPUSA, BHARATHI, US
[72] LIAO, ZHIMING, US
[72] KOWANETZ, MARCIN, US
[72] BOYD, ZACHARY, US
[72] KOEPPEN, HARTMUT, US
[72] ROCHE, PATRICK C., US
[72] ZHU, YIFEI, US
[71] GENENTECH, INC., US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[71] SPRING BIOSCIENCE CORPORATION, US
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[25] EN
[54] **SYSTEM FOR AND METHOD OF MARKING A WELDING WORKPIECE USING A MARKING TOOL**
[54] **SYSTEME ET PROCEDE DE MARQUAGE D'UNE PIECE A SOUDER A L'AIDE D'UN OUTIL DE MARQUAGE**
[72] BECKER, WILLIAM JOSHUA, US
[72] PFIEFER, KYLE ANDREW, US
[71] ILLINOIS TOOL WORK INC., US
[85] 2017-01-11
[86] 2015-08-03 (PCT/US2015/043368)
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[25] EN
[54] **SURFACE TREATED BEARING COMPONENT**
[54] **COMPOSANT DE PALIER A SURFACE TRAITEE**
[72] FERREIRA DA SILVA, ANDERSON, BR
[72] CAMPANHA, MARCOS VILODRES, BR
[71] NSK AMERICAS, INC., US
[85] 2017-01-13
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[54] **CONTROL VALVE**
[54] **VANNE DE COMMANDE**
[72] LOFFLER, GERHARD, DE
[71] OVENTROP GMBH & CO.KG, DE
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[25] EN
[54] **POLYALKYLENE GLYCOL-BASED INDUSTRIAL LUBRICANT COMPOSITIONS**
[54] **COMPOSITIONS DE LUBRIFIANT INDUSTRIEL A BASE DE POLYALKYLENEGLYCOL**
[72] YAO, JUNBING, CN
[72] DONNELLY, STEVEN G., US
[71] VANDERBILT CHEMICALS, LLC, US
[85] 2017-01-16
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[25] EN
[54] **MODEL PREDICTIVE CONTROL OF A MODULAR MULTILEVEL CONVERTER**
[54] **COMMANDE PREDICTIVE DE MODELE D'UN CONVERTISSEUR MODULAIRE A NIVEAUX MULTIPLES**
[72] GEYER, TOBIAS, CH
[72] VAN-DER-MERWE, WIM, CH
[72] SPUDIC, VEDRANA, CH
[72] DARIVIANAKIS, GEORGIOS, CH
[71] ABB SCHWEIZ AG, CH
[85] 2017-01-20
[86] 2015-07-16 (PCT/EP2015/066312)
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[51] **Int.Cl. H01L 31/048 (2014.01) H02S 20/00 (2014.01) H02S 30/10 (2014.01)**
[25] FR
[54] **MODULE PHOTOVOLTAIQUE POUR SUPPORT RIGIDE**
[54] **PHOTOVOLTAIC MODULES FOR RIGID CARRIERS**
[72] GAUME, JULIEN, FR
[72] GUILLEREZ, STEPHANE, FR
[72] SICOT, LIONEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2017-01-20
[86] 2015-07-27 (PCT/EP2015/067116)
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[25] EN
[54] **FERROFLUIDS ABSORBED ON GRAPHENE/GRAPHENE OXIDE FOR EOR**
[54] **FERROFLUIDES ABSORBES SUR DU GRAPHENE/OXYDE DE GRAPHENE POUR RAP**
[72] SADANA, ANIL K., US
[72] AGRAWAL, GAURAV, US
[72] MAZYAR, OLEG A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-01-20
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[51] **Int.Cl. A61J 7/00 (2006.01) A61B 5/1172 (2016.01) A61J 7/04 (2006.01)**
[25] EN
[54] **DRUG DISPENSER ASSEMBLY**
[54] **ENSEMBLE DE DISTRIBUTEUR DE MEDICAMENT**
[72] HUDSON, MARK, GB
[72] TACKE, ULRICH, FI
[72] TORMANEN, ANTTI, FI
[72] RUSSELL, DAVID, GB
[71] INTELLIGENT FINGERPRINTING LIMITED, GB
[85] 2017-01-20
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[51] **Int.Cl. H05K 5/00 (2006.01) H05K 7/02 (2006.01)**
[25] EN
[54] **MODULAR ASSEMBLY**
[54] **ENSEMBLE MODULAIRE**
[72] SPAH, JURGEN, DE
[71] DIEHL AEROSPACE GMBH, DE
[85] 2017-01-23
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[87] (WO2016/030005)
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[13] A1
[51] **Int.Cl. G09B 9/02 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **DEVICE FOR SPATIAL MOVEMENT OF AT LEAST ONE PERSON**
[54] **DISPOSITIF DE DEPLACEMENT DANS L'ESPACE D'AU MOINS UNE PERSONNE**
[72] SCHLUSSELBERGER, RAINER, AT
[72] SCHLUSSELBERGER JUN., RICHARD, AT
[72] MAYRHOFER, MICHAEL, AT
[71] AMST-SYSTEMTECHNIK GMBH, AT
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[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **HEAT RECOVERABLE TUBE ASSEMBLY AND ADHESIVE COMPOSITION FOR HEAT RECOVERABLE TUBE ASSEMBLY**
[54] **ENSEMBLE A TUBE THERMORETRACTABLE, ET COMPOSITION ADHESIVE POUR ENSEMBLE A TUBE THERMORETRACTABLE**
[72] TOY, LESTER TUNGNAN, US
[72] VERHEYDEN, DANNY WILLY AUGUST, BE
[72] DAGA, VIJAY, US
[71] TE CONNECTIVITY CORPORATION, US
[71] TYCO ELECTRONICS BELGIUM EC BVBA, BE
[85] 2017-01-24
[86] 2015-07-23 (PCT/US2015/041693)
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[51] **Int.Cl. H02M 1/00 (2007.10) H02M 1/08 (2006.01) H02M 11/00 (2006.01) H02P 29/00 (2016.01)**
[25] EN
[54] **BIDIRECTIONAL LOW VOLTAGE POWER SUPPLY (LVPS) WITH SINGLE PULSE WIDTH MODULATOR (PWM), CRYOGENIC COOLER SYSTEM, AND METHOD**
[54] **ALIMENTATION BASSE TENSION (LVPS) BIDIRECTIONNELLE A MODULATEUR D'IMPULSIONS EN DUREE (PWM) UNIQUE, SYSTEME DE REFROIDISSEMENT CRYOGENIQUE, ET PROCEDE**
[72] ORTIZ, JOE ANTHONY, US
[71] RAYTHEON COMPANY, US
[85] 2017-01-24
[86] 2015-08-07 (PCT/US2015/044237)
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[30] US (62/034,889) 2014-08-08
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[51] **Int.Cl. B23K 3/06 (2006.01) B23K 1/08 (2006.01)**
[25] EN
[54] **WAVE SOLDERING NOZZLE MACHINE, WAVE SOLDERING NOZZLE SYSTEM AND METHOD OF WAVE SOLDERING**
[54] **MACHINE DE BUSE DE BRASAGE TENDRE A LA VAGUE, SYSTEME DE BUSE DE BRASAGE TENDRE A LA VAGUE ET PROCEDE DE BRASAGE TENDRE A LA VAGUE**
[72] HUESTE, GREGORY LEO, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-01-25
[86] 2015-07-10 (PCT/US2015/039899)
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[30] US (14/465,559) 2014-08-21

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[51] **Int.Cl. B23K 37/04 (2006.01) B25F 1/00 (2006.01) B25F 1/04 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL WELDING APPARATUS**
[54] **APPAREIL DE SOUDAGE MULTIFONCTIONNEL**
[72] ROZMARYNOWSKI, SCOTT R., US
[72] WILE, GARY, US
[72] GAO, ZHONG, US
[71] HOBART BROTHERS COMPANY, US
[85] 2017-01-25
[86] 2015-07-15 (PCT/US2015/040665)
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[25] EN
[54] **SHAPING APPARATUS FOR FINISHING SURFACES**
[54] **APPAREIL DE MISE EN FORME POUR LA FINITION DE SURFACES**
[72] BLEIER, LARRY P., US
[71] BLEIER, LARRY P., US
[85] 2017-01-25
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[51] **Int.Cl. G02B 5/02 (2006.01) G09F 13/08 (2006.01)**
[25] EN
[54] **TWO-IN-ONE TRANSLUCENT AND COLORED FILM**
[54] **FILM TRANSLUCIDE ET COLORE DEUX-EN-UN**
[72] LIU, XIANG, US
[72] RAMSAY, MICHAEL, US
[72] REEKMANS, STEVEN, BE
[71] AVERY DENNISON CORPORATION, US
[85] 2017-01-25
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[30] US (62/028,858) 2014-07-25

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[51] **Int.Cl. H01L 31/048 (2014.01) H02S 20/00 (2014.01) H02S 30/10 (2014.01)**
[25] EN
[54] **PHOTOVOLTAIC MODULE COMPRISING A POLYMER FRONT FACE**
[54] **MODULE PHOTOVOLTAIQUE COMPORTANT UNE FACE AVANT EN POLYMERE**
[72] HIDALGO, MANUEL, FR
[72] GAUME, JULIEN, FR
[72] GUILLEREZ, STEPHANE, FR
[72] SICOT, LIONEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] ARKEMA FRANCE, FR
[85] 2017-01-25
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[51] **Int.Cl. H01R 13/639 (2006.01) H01R 13/627 (2006.01) H01R 13/53 (2006.01)**
[25] EN
[54] **HIGH-CURRENT PLUG WITH CLIP LOCK**
[54] **CONNECTEUR A COURANT FORT, A FERMETURE DU TYPE BOUCHON A ETRIER**
[72] BLAKBORN, WILLEM, DE
[72] NEUREITER, FRANZ JOSEF, AT
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2017-01-26
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[54] **HEAT COMPOSITE SYSTEM BASED ON POLYURETHANE RIGID FOAM FOR BUILDING FACADES**
[54] **SYSTEME COMPOSITE THERMIQUE A BASE DE MOUSSE DE POLYURETHANE POUR FACADES D'IMMEUBLE**
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[72] KAMPF, GUNNAR, DE
[72] EISENHARDT, ANDREA, DE
[72] GLEINIG, ERHARD, DE
[72] MONNIG, SVEN, DE
[72] TURCINSKAS, SARUNAS, DE
[72] WEINRICH, DIRK, DE
[71] BASF SE, DE
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[54] **METHOD FOR PUTTING TOGETHER A DOWN-THE-HOLE DRILLING APPARATUS FOR PLASTIC PIPE DRILLING AND A DOWN-THE-HOLE DRILLING APPARATUS**
[54] **PROCEDE POUR ASSEMBLER UN APPAREIL DE FORAGE DE FOND-DE-TROU POUR UN FORAGE PAR TUYAU EN MATIERE PLASTIQUE ET APPAREIL DE FORAGE DE FOND-DE-TROU**
[72] GYLLING, KAI, FI
[71] OY ATLAS COPCO ROTEX AB, FI
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[54] **SYSTEMES A GAZ ET PROCEDES DE SOUDAGE**
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[72] DUPON, MITCHEL, CA
[72] MAXIMIUK, MIKE, US
[71] KUKA ROBOTICS CORPORATION, US
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[54] **CHARGE SANS FIL DE DISPOSITIFS ELECTRONIQUES A SUPPORT METALLIQUE**
[72] VON NOVAK, WILLIAM HENRY, III, US
[72] HANSEN, MEGAN, US
[72] JEONG, SEONG HEON, US
[71] QUALCOMM INCORPORATED, US
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[54] **SEPARATING DEVICE FOR REMOVING SOLID PARTICLES FROM LIQUID AND GAS FLOWS FOR HIGH DIFFERENTIAL PRESSURES**
[54] **DISPOSITIF DE SEPARATION PERMETTANT D'ELIMINER DES PARTICULES SOLIDES DANS DES ECOULEMENTS DE LIQUIDE ET DE GAZ POUR DES PRESSIONS DIFFERENTIELLES ELEVEES**
[72] LANGE, DIETRICH, DE
[72] LESNIAK, CHRISTOPH, DE
[72] KRECKER, ALEXANDER, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **STATOR AMELIORE ET MACHINE ELECTRIQUE COMPORTANT UN TEL STATOR**
[72] DUMAS, PIERRE, FR
[72] VERDIER, LAURENT, FR
[71] LOHR ELECTROMECANIQUE, FR
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[54] **ELEMENT DE CONTACT ET CONNECTEUR**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
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[54] **PROFILE ELEMENT COMPRISING LIGHTING MEANS INCORPORATED THEREIN**
[54] **ELEMENT DE PROFIL RENFERMANT UN DISPOSITIF D'ECLAIRAGE INTEGRE**
[72] BERTLWIESER, MARIO, AT
[71] FAME TECHNOLOGIES GMBH, AT
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[54] **SEMI-SEALED ROTARY DRILL TOOL**
[54] **OUTIL DE FORAGE ROTATIF SEMI-ETANCHE**
[72] FINNMAN, KARL-OSKAR, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **BY-PASS FLUID PASSAGEWAY FOR DRILL TOOL**
[54] **PASSAGE DE FLUIDE DE DERIVATION POUR OUTIL DE FORAGE**
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[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **BURIN, EN PARTICULIER BURIN A QUEUE RONDE**
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[72] FRIEDERICHS, HEIKO, DE
[71] BETEK GMBH & CO. KG, DE
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[54] **AMELIORATION DE L'ASSEMBLAGE D'UN ROBOT A CARACTERE HUMANOIDE**
[72] PATEROMICHELAKIS, NIKOLAOS, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
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[54] **DISPOSITIF DE FIXATION D'EBAUCHE A UN SYSTEME DE SUPPORT MODULAIRE**
[72] PICCOLO, GABRIELE, IT
[71] HPT SINERGY S.R.L., IT
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[54] **METHOD FOR THE TRANSPORTATION AND/OR STORAGE OF ROAD BITUMEN**
[54] **PROCEDE DE TRANSPORT ET/OU DE STOCKAGE DE BITUME ROUTIER**
[72] VINCENT, REGIS, FR
[72] MOUAZEN, MOUHAMAD, FR
[72] LAPALU, LAURENCE, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **CORNER CONNECTOR FOR ROD-SHAPED PROFILE ELEMENTS**
[54] **RACCORD D'ANGLE POUR ELEMENTS PROFILES EN FORME DE BARRE**
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[54] **PROCEDE DE FUSION DE PILES AU LITHIUM-ION**
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[72] VAN HOREBEEK, DAVID, BE
[72] QUIX, MAARTEN, BE
[72] BROUWER, SYBOLT, BE
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[25] EN
[54] **METHOD FOR INSTALLING A ROTOR BLADE ON A WIND TURBINE**
[54] **PROCEDE PERMETTANT D'INSTALLER UNE PALE DE ROTOR SUR UNE EOLIENNE**
[72] CONERS, ROLF, DE
[72] LAODA, FIONA, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **COMPOSITIONS D'ALLERGENES ALIMENTAIRES**
[72] BENHAMOU, PIERRE-HENRI, FR
[72] DUPONT, CHRISTOPHE, FR
[72] KOPPELMAN, STEFAN (JOHAN), NL
[72] MARTIN, LAURENT, FR
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[54] **MODULE DE TURBOMACHINE**
[72] LOISEAU, CYRIL, FR
[72] GENDRAUD, ALAIN DOMINIQUE, FR
[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR
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[54] **HYBRIDATION DES COMPRESSEURS D'UN TURBOREACTEUR**
[72] ROBIC, BERNARD, FR
[72] OBRECHT, THIERRY JEAN-JACQUES, FR
[72] RENAULT, BAPTISTE JEAN MARIE, FR
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[54] **ENSEMBLE POMPE D'INFUSION**
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[72] DEMERS, JASON A., US
[72] TRACEY, BRIAN D., US
[72] KAMEN, DEAN, US
[72] LANIGAN, RICHARD J., US
[72] LANIER, GREGORY R., US
[72] FOO, BRIGHT C.K., US
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[72] SOLDAU, THOMAS F., US
[72] FICHERA, STEPHEN L., US
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[72] MOREAU, TIMOTHY D., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **METHOD AND APPARATUS FOR LOADING**
[54] **PROCEDE ET APPAREIL POUR UN CHARGEMENT**
[72] TURBETT, ROBERT E., US
[72] RICHMOND, RICHARD D., US
[71] TURBETT SURGICAL, LLC, US
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[25] EN
[54] **THERMALLY TEMPERED GLASS AND METHODS AND APPARATUSES FOR THERMAL TEMPERING OF GLASS**
[54] **VERRE TREMPE THERMIQUEMENT, PROCEDES ET APPAREILS POUR TREMPE THERMIQUE DU VERRE**
[72] MASCHMEYER, RICHARD ORR, US
[72] THOMAS, JOHN CHRISTOPHER, US
[72] WASSON, KEVIN LEE, US
[72] LEZZI, PETER JOSEPH, US
[71] CORNING INCORPORATED, US
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[54] **COMPOSITIONS PERMEABLES AUTO-ADHESIVES DE PROTECTION CONTRE L'AIR**
[72] BODKHE, RAJAN B., US
[72] CODDINGTON, MICHAEL C., US
[72] GREGAR, TRAVIS Q., US
[72] IIAMS NELSON, VANESSA A., US
[72] KUGEL, ALEXANDER J., US
[72] LEVITT, LEON, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **COMMANDE DE DEPLACEMENT DE GRUE**
[72] SORENSEN, KHALID LIEF, US
[72] SINGHOSE, WILLIAM, US
[71] PAR SYSTEMS, INC., US
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[51] **Int.Cl. C08L 95/00 (2006.01) C04B 26/26 (2006.01) C08J 3/12 (2006.01) C08J 3/20 (2006.01) C08K 5/092 (2006.01) C08K 5/20 (2006.01) C08K 5/21 (2006.01) C08K 5/25 (2006.01)**
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[54] **GRANULES DE BITUME ROUTIER**
[72] MARIOTTI, SOPHIE, FR
[72] VINCENT, REGIS, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **NEW AUTOMATIC WASHING MACHINE AND METHOD**
[54] **LAVEUSE AUTOMATIQUE ET PROCEDE**
[72] RIGOBERT, CAROLINE, DE
[72] SEITZ, BORIS, DE
[72] MOHRHARD, KARL-HEINZ, DE
[72] DIERKES, FRANK, DE
[72] HAHN, KARLHEINZ ULRICH G, DE
[72] PFLUG, JORG, DE
[72] PREUSCHEN, JUDITH, DE
[72] ROY, PAVLINKA, DE
[72] HAAG, MARCO, DE
[72] VAN LOYEN, DIETMAR, DE
[72] CAMPBELL, STUART, DE
[72] LUNZ, HELMUT, DE
[71] RECKITT BENCKISER (BRANDS) LIMITED, GB
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[54] **METHODES DESTINEES A REDUIRE LE CHOLESTEROL LDL**
[72] JACOBSON, RACHEL MARIE DEVAY, US
[72] LIANG, HONG, US
[72] SHELTON, DAVID, US
[71] RINAT NEUROSCIENCE CORP., US
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[25] EN
[54] **SUPPORT AND COMPRESSION ASSEMBLIES FOR CURVILINEAR MOLTEN METAL TRANSFER DEVICE**
[54] **ENSEMBLES DE SUPPORT ET DE COMPRESSION POUR DISPOSITIF DE TRANSFERT DE METAL EN FUSION CURVILIGNE**
[72] WAGSTAFF, ROBERT B., US
[72] REEVES, ERIC W., US
[72] WAYMENT, RICHARD ALLEN, US
[72] BRUSKI, RICHARD SCOTT, US
[72] WOMACK, RANDAL GUY, US
[71] NOVELIS INC., US
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[25] EN
[54] **VEHICLE WASH PACKAGE SELECTION CONFIRMATION SYSTEM**
[54] **SYSTEME DE CONFIRMATION DE SELECTION D'OFFRE GROUPEE DE NETTOYAGE DE VEHICULE**
[72] BELANGER, MICHAEL J., US
[72] TURNER, BARRY S., US
[72] PRATER, CURTIS S., US
[71] BELANGER, INC., US
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[51] **Int.Cl. B60S 3/06 (2006.01) A46B 13/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
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[54] **COMPOSANT DE LAVAGE ECLAIRE AVEC UN CONNECTEUR A BAGUE COLLECTRICE**
[72] BELANGER, MICHAEL J., US
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[72] PRATER, CURTIS S., US
[72] SAYYAE, MICHAEL S., US
[71] BELANGER, INC., US
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[72] TEMBE, NICHOLAS GEORGE, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
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[54] **ETHYLENE COPOLYMERS PRODUCED WITH SINGLE SITE CATALYST**
[54] **COPOLYMERES D'ETHYLENE PRODUITS A L'AIDE DE CATALYSEUR A SITE UNIQUE**
[72] GOYAL, SHIVENDRA KUMAR, CA
[72] GILLON, BRONWYN HILARY, CA
[72] SALOMONS, STEPHEN, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **POWERED SURGICAL HANDPIECE WITH A CHUCK THAT FACILITATES ALIGNMENT OF THE CUTTING ACCESSORY FITTED TO THE TOOL**
[54] **OUTIL CHIRURGICAL A MAIN MOTORISE POURVU D'UN MANDRIN QUI FACILITE L'ALIGNEMENT DE L'ACCESSOIRE DE COUPE MONTE SUR L'OUTIL**
[72] BURKE, THOMAS, IE
[71] STRYKER CORPORATION, US
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[54] **INDUSTRIAL GEAR LUBRICANT ADDITIVE PACKAGE WITH BIODEGRADABLE SULFUR COMPONENT**
[54] **ENSEMBLE D'ADDITIFS POUR UN LUBRIFIANT POUR ENGRENAGES INDUSTRIELS COMPRENANT UN COMPOSANT SOUFRE BIODEGRADABLE**
[72] BASU, SHUBHAMITA, US
[72] VINCI, JAMES N., US
[72] WRAGG, MICHAEL S., GB
[71] THE LUBRIZOL CORPORATION, US
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[54] **PELLE A NEIGE AVEC ELEMENT D'INVERSION**
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[54] **OVERHEAD LUGGAGE COMPARTMENT FOR AIRCRAFT**
[54] **COMPARTIMENT A BAGAGES DE PLAFOND POUR AVIONS**
[72] KAMMERER, BERNHARD, AT
[72] KOLETNIK, SANDI, AT
[72] SCHORKHUBER, JAKOB, AT
[72] KRALOVEC, CHRISTOPH, AT
[71] FACC AG, AT
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[54] **ENSEMBLE VALVE DE BOUTEILLE ACTIONNE PAR LEVIER**
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[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **LOAD CONTROL DEVICE FOR CONTROLLING A DRIVER FOR A LIGHTING LOAD**
[54] **DISPOSITIF DE COMMANDE DE CHARGE POUR COMMANDER UN PILOTE D'UNE CHARGE D'ECLAIRAGE**
[72] STEINER, JAMES P., US
[72] COOPER, DANIEL G., US
[72] BEDELL, RYAN S., US
[71] LUTRON ELECTRONICS CO., INC., US
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[54] **PANNEAU COMPOSITE EN MATERIAU A BASE DE BOIS**
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[71] SWISS KRONO TEC AG, CH
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[54] **PLASTICIZER COMPOSITION COMPRISING POLYMERIC DICARBOXYLIC ESTERS**
[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
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[54] **POULIE ISOLANTE**
[72] WARD, PETER A., US
[71] GATES CORPORATION, US
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[54] **DISPOSITIF DE FIXATION**
[72] CHAPMAN, ROBERT ERNEST, GB
[72] GIEMZA, LEE MARK, GB
[71] GRIPPLE LIMITED, GB
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[54] **HAYON MODULAIRE**
[72] POVINELLI, ANTHONY J., US
[72] MATTHEWS, MARTIN R., US
[72] BIRKA, MARK P., US
[72] WEST, MICHAEL A., US
[71] MAGNA INTERNATIONAL INC., CA
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[54] **VOLTAGE REGULATOR FOR A POWER DISTRIBUTION SYSTEM AND METHOD OF CONTROLLING SAME**
[54] **REGULATEUR DE TENSION POUR UN SYSTEME DE DISTRIBUTION DE PUISSANCE ET SON PROCEDE DE COMMANDE**
[72] DALEY, DANIEL JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **ENSEMBLE CRYOGENIQUE COMPRENANT DES INTERCONNEXIONS ELECTRIQUES A NANOTUBES DE CARBONE**
[72] CHOW, JAMES R., US
[72] CONRAD, THEODORE J., US
[72] LA KOMSKI, DAVID M., US
[71] RAYTHEON COMPANY, US
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[54] **PROCEDE ET SYSTEME POUR LA COMMUNICATION DE DISPOSITIF A DISPOSITIF**
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[72] WIJESINGHE, PUSHPIKA, AU
[71] NEC CORPORATION, JP
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[54] **PROCEDE CONTINU DE FORMATION D'UN TAPIS UNITAIRE**
[72] KUMAR, RAJESH, US
[72] LAWSON, ERIC N., US
[71] BASF SE, DE
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[54] **SYSTEMS AND METHODS FOR BRAKING OR LAUNCHING A RIDE VEHICLE**
[54] **SYSTEMES ET PROCEDES POUR FREINER OU LANCER UN VEHICULE PROPULSE**
[72] VANCE, ERIC, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **ULTRASONIC SURGICAL TOOL CAPABLE OF VIBRATING IN PLURAL MODES AND A DRIVE SYSTEM THAT INDUCES NON-LINEAR VIBRATIONS IN THE TOOL TIP**
[54] **OUTIL CHIRURGICAL A ULTRASONS POUVANT VIBRER DANS PLUSIEURS MODES ET SYSTEME DE COMMANDE INDUISANT DES VIBRATIONS NON LINEAIRES DANS LA POINTE DE L'OUTIL**
[72] DOWNEY, ADAM, US
[72] BALDWIN, ROBERT, US
[71] STRYKER CORPORATION, US
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[54] **SYSTEM AND METHOD FOR IMPROVED DUCT PRESSURE TRANSFER IN PRESSURE EXCHANGE SYSTEM**
[54] **SYSTEME ET PROCEDE POUR TRANSFERT DE PRESSION DE CONDUIT AMELIORE DANS UN SYSTEME D'ECHANGE DE PRESSION**
[72] MARTIN, JEREMY GRANT, US
[72] ARLUCK, JAMES LEE, US
[71] ENERGY RECOVERY, INC., US
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[54] **COPOLYMERES DE POLY(OXAZOLINE-CO-ETHYLENE-IMINE)-EPICHLORHYDRINE ET LEURS UTILISATIONS**
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[72] HOLLAND, TROY VERNON, US
[71] NOVARTIS AG, CH
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[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DETERGENTE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] SIVIK, MARK ROBERT, US
[72] FOSSUM, RENAE DIANNA, US
[72] BIRKEL, SUSANNE, DE
[72] VETTER, NICHOLAS DAVID, US
[72] DORIA, HEATHER ANNE, US
[72] BARRERA, CAROLA, US
[72] AGUILERA-MERCADO, BERNARDO M., US
[72] FLORES-FIGUEROA, AARON, DE
[72] WHITING, PATRICK B., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **HOLDING FRAME AND METHOD FOR PRODUCING SAME**
[54] **CADRE DE RETENUE ET PROCEDE DE FABRICATION DUDIT CADRE DE RETENUE**
[72] LOTKEMANN, IRINA, DE
[72] SCHLEGEL, BERNARD, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
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[54] **PANNEAU**
[72] RIEDER, WOLFGANG, AT
[71] RMG - RIEDER MANAGEMENT GES.M.B.H., AT
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[54] **COMPRESSEUR A SPIRALES**
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[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[54] **AMORTISSEUR MAGNETIQUE DESTINE A UN DISPOSITIF D'AMORTISSEMENT DES VIBRATIONS**
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[71] ESM ENERGIE- UND SCHWINGUNGSTECHNIK MITSCH GMBH, DE
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[54] **FLUIDES HYDRAULIQUES DANS DES PROCEDES DE MOULAGE PAR INJECTION PLASTIQUE**
[72] LAUTERWASSER, FRANK, DE
[72] MAHLING, FRANK-OLAF, DE
[72] KOLB, ROBERT, DE
[72] BARTELS, THORSTEN, DE
[72] SCHIMMEL, THOMAS, US
[72] MAIER, STEFAN, DE
[72] ALIBERT, MICHAEL, DE
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[54] **BELT FOR DRIVE SYSTEMS, IN PARTICULAR A BELT-LIKE TENSION ELEMENT FOR ELEVATOR SYSTEMS, WITH FLAME-RETARDANT PROPERTIES**
[54] **COURROIE POUR LA TECHNIQUE D'ENTRAINEMENT, EN PARTICULIER ELEMENT DE TRACTION DE TYPE COURROIE POUR LA TECHNIQUE D'ASCENSEUR, PRESENTANT DES PROPRIETES IGNIFUGE**
[72] GOSER, HUBERT, DE
[72] BROCKE, STEPHAN, DE
[71] INVENTIO AG, CH
[71] CONTITECH ANTRIEBSSYSTEME GMBH, DE
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[54] **COMPOSITION PLASTIFIANTE LIQUIDE**
[72] VERRAES, ARNAUD, FR
[71] ROQUETTE FRERES, FR
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[54] **ASSEMBLAGE DE TYPE LIAISON PIVOT**
[72] RENAUD, MATHIEU, FR
[72] CHARRIER, JEAN-SEBASTIEN, FR
[72] GRENECHE, REMI, FR
[72] MOUNIER, ANNE, FR
[72] PILATO, AURELIE ELEONORE, FR
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[54] **CATAMARAN**
[72] SCANU, JOHN, IT
[72] RIVIERI, LUCA, IT
[71] SCANU, JOHN, IT
[71] RIVIERI, LUCA, IT
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[54] **MULTI-COMPONENT ROTARY SPINNER APPARATUSES, SYSTEMS AND METHODS FOR PRODUCING FIBER FROM MOLTEN MATERIAL**
[54] **APPAREILS DE FILATURE ROTATIFS A COMPOSANTS MULTIPLES, SYSTEMES ET PROCEDES DE PRODUCTION DE FIBRES A PARTIR DE MATIERE FONDUE**
[72] ZEMBRODT, ROBERT W., US
[72] JOHNSON, WALTER A., US
[72] WLODARCZYK, PAUL, US
[71] KNAUF INSULATION, INC., US
[85] 2017-02-06
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[54] **SYSTEMES ET DISPOSITIFS DE SURVEILLANCE D'INTEGRITE NERVEUSE SANS FIL**
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[72] POLLOCK, JOHN G., US
[72] MCFARLIN, KEVIN L., US
[72] SCHULHAUSER, RANDAL C., US
[72] JUSTIS, JEFF R., US
[72] STEVENSON, TYLER S., US
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[54] **FOURNITURE DE RESULTATS DE RECHERCHE EN COURS DE NAVIGATION PERMETTANT DE REDUIRE L'INTERRUPTION D'ITINERAIRE**
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[72] LU, GUOHAN, US
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[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE DETERMINATION D'ETAT D'ACTIFS**
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[71] MONTANA STATE UNIVERSITY, US
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[54] **ENTRELACEMENT DE LOCALISATION PAR ULTRASONS AVEC D'AUTRES FONCTIONS AUDIO**
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[72] CONNOLLY, SEAN A., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER DES EMPLACEMENTS DE COMMERCANTS D'APRES DES ENREGISTREMENTS DE TRANSACTIONS**
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[72] WEINBERGER, HENRY, US
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[54] **EXECUTION DE SPECIFICATIONS DE PROGRAMME A BASE DE GRAPHES**
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[25] EN
[54] **SYSTEM AND METHOD FOR SURVEYING DISPLAY UNITS IN A RETAIL STORE**
[54] **SYSTEME ET PROCEDE POUR INTERROGER DES UNITES D'AFFICHAGE DANS UN MAGASIN DE DETAIL**
[72] STOUT, PHILIP ALEXANDER, GB
[71] ASDA STORES LIMITED, GB
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[54] **LEADLESS NEUROSTIMULATOR**
[54] **NEUROSTIMULATEUR SANS FIL**
[72] MERCANZINI, ANDRE, CH
[71] ALEVA NEUROTHERAPEUTICS SA, CH
[85] 2017-02-24
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[54] **DEEP BRAIN STIMULATION LEAD**
[54] **ELECTRODE DE STIMULATION CEREBRALE PROFONDE**
[72] MERCANZINI, ANDRE, CH
[72] JORDAN, ALAIN, CH
[72] MICHALIS, ALEXANDRE, CH
[72] BOERS, MARC, CH
[72] DRANSART, ALAIN, CH
[71] ALEVA NEUROTHERAPEUTICS SA, CH
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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/35 (2014.01) A63F 13/80 (2014.01)**
[25] EN
[54] **COOPERATIVE GAMEPLAY IN PEER-TO-PEER WAGERING PLATFORM**
[54] **JEU COOPERATIF DE PLATE-FORME DE PARI ENTRE HOMOLOGUES**
[72] PARADISE, ANDREW, US
[72] ZOGRAFOS, DENNIS, US
[71] SKILLZ INC., US
[85] 2017-02-24
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[54] **CUSTOMIZABLE MACHINE LEARNING MODELS**
[54] **MODELES D'APPRENTISSAGE MACHINE POUVANT ETRE PERSONNALISES**
[72] AMINZADEH, ARYA RYAN, US
[72] ALEXANDER, AMAN CHERIAN, US
[71] CEB INC., US
[85] 2017-02-24
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[54] **OILFIELD WATER MANAGEMENT**
[54] **GESTION D'EAU DE CHAMP DE PETROLE**
[72] WEBB, FORREST CHARLES, US
[72] CLEVELAND, WESLEY PETER, US
[71] DIGITAL H2O, INC, US
[85] 2017-02-24
[86] 2015-08-27 (PCT/US2015/047246)
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[25] EN
[54] **MULTI-ELECTRODE ARRAY FOR SPINAL CORD EPIDURAL STIMULATION**
[54] **RESEAU A MULTIPLES ELECTRODES POUR STIMULATION EPIDURALE DE MOELLE EPINIERE**
[72] LIU, WENTAI, US
[72] EDGERTON, VICTOR REGGIE, US
[72] CHANG, CHIH-WEI, US
[72] GAD, PARAG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-02-24
[86] 2015-08-27 (PCT/US2015/047268)
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[25] EN
[54] **COMPILATION OF GRAPH-BASED PROGRAM SPECIFICATIONS WITH AUTOMATED CLUSTERING OF GRAPH COMPONENTS BASED ON THE IDENTIFICATION OF PARTICULAR DATA PORT CONNECTIONS**
[54] **COMPILATION DE SPECIFICATIONS DE PROGRAMME BASEES SUR DES GRAPHIQUES AVEC GROUPAGE AUTOMATISE DE COMPOSANTES GRAPHIQUES SUR LA BASE DE L'IDENTIFICATION DE CONNEXIONS DE PORT DE DONNEES PARTICULIERES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[72] KUKOLICH, STEPHEN A., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-02-24
[86] 2015-09-02 (PCT/US2015/048088)
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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/48 (2006.01)**
[25] EN
[54] **MANAGING INVOCATION OF TASKS**
[54] **GESTION D'APPEL DE TACHES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[72] KUKOLICH, STEPHEN A., US
[72] WHOLEY, JOSEPH SKEFFINGTON III, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-02-24
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[30] US (62/044,665) 2014-09-02
[30] US (62/164,175) 2015-05-20

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[54] **COMPUTING ENVIRONMENT SELECTION TECHNIQUES**
[54] **TECHNIQUES DE SELECTION D'ENVIRONNEMENT INFORMATIQUE**
[72] VERMA, VARUN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-02-24
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[25] EN
[54] **NETWORK SERVICE AWARE ROUTERS, AND APPLICATIONS THEREOF**
[54] **ROUTEURS CONSCIENTS DE SERVICE DE RESEAU, ET LEURS APPLICATIONS**
[72] YERMAKOV, SERGEY, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-02-27
[86] 2015-08-28 (PCT/US2015/047496)
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[25] EN
[54] **ANIMAL MODEL OF LONGEVITY AND RELATED METHODS FOR INCREASING LONGEVITY AND INHIBITING TUMORIGENESIS**
[54] **MODELE ANIMAL DE LONGEVITE ET PROCEDES ASSOCIES PERMETTANT D'AUGMENTER LA LONGEVITE ET D'INHIBER LA TUMORIGENESE**
[72] SHEN, CHE-KUN JAMES, TW
[72] SHYU, YU-CHIAU, TW
[71] ACADEMIA SINICA, CN
[85] 2017-02-27
[86] 2015-09-01 (PCT/US2015/047917)
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[51] **Int.Cl. A01N 1/02 (2006.01) A61L 27/36 (2006.01)**
[25] EN
[54] **AUTOMATED BIOREACTOR SYSTEM, SYSTEM FOR AUTOMATICALLY IMPLEMENTING PROTOCOL FOR DECELLULARIZING ORGAN, AND WASTE DECONTAMINATION SYSTEM**
[54] **SYSTEME DE BIOREACTEUR AUTOMATISE, SYSTEME DE MISE EN □UVRE AUTOMATIQUE D'UN PROTOCOLE POUR LA DECELLULARISATION D'UN ORGANE ET SYSTEME DE DECONTAMINATION DE DECHETS**
[72] BONVILLAIN, RYAN, US
[72] CHEADLE, JOHN, US
[72] PETERSON, THOMAS, US
[71] UNITED THERAPEUTICS CORPORATION, US
[85] 2017-02-27
[86] 2015-09-01 (PCT/US2015/047986)
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[54] **MANAGING STATE FOR CONTROLLING TASKS**
[54] **GESTION DE L'ETAT D'EXECUTION DE COMPOSANTS DANS UNE SPECIFICATION DE PROGRAMME BASEE SUR GRAPHIQUE AFIN DE COMMANDER LEURS TACHES ASSOCIEES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-02-27
[86] 2015-09-02 (PCT/US2015/048091)
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[54] **SPECIFYING COMPONENTS IN GRAPH-BASED PROGRAMS**
[54] **SPECIFICATION VISUELLE DE SOUS-ENSEMBLES DE COMPOSANTS DANS DES PROGRAMMES A BASE DE GRAPHES PAR L'INTERMEDIAIRE D'INTERACTIONS UTILISATEURS**
[72] STANFILL, CRAIG W., US
[72] WEISS, ADAM, US
[72] ROBERTS, ANDREW F., US
[72] KUKOLICH, STEPHEN A., US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **MEDIA GENERATION SYSTEM AND METHODS OF PERFORMING THE SAME**
[54] **SYSTEME DE GENERATION DE CONTENU MULTIMEDIA ET SES PROCEDES DE REALISATION**
[72] PATERSON, DANIEL, US
[72] SUNDARAM, JAISANKAR, US
[71] MATTHEWS RESOURCES, INC., US
[85] 2017-02-27
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[54] **COMPILING GRAPH-BASED PROGRAM SPECIFICATIONS**
[54] **COMPILATION DE SPECIFICATIONS DE PROGRAMME BASEES SUR UN GRAPHIQUE**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[72] KUKOLICH, STEPHEN A., US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **SWAP CROSSING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRANSFERT DE SWAPS**
[72] JAYCOBS, RICH, US
[72] LUTNICK, HOWARD W., US
[72] SWEETING, MIKE, US
[71] BGC PARTNERS, INC., US
[85] 2016-04-22
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[25] EN
[54] **APPOINTMENT AND PAYMENT HANDLING**
[54] **GESTION DE RENDEZ-VOUS ET DE PAIEMENT**
[72] MYRICK, LAUREN, US
[72] GINSBURG, EVAN, US
[72] AVE, WILLEM, US
[71] SQUARE, INC., US
[85] 2017-02-27
[86] 2015-09-25 (PCT/US2015/052406)
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[25] EN
[54] **LOW-POWER ALWAYS-ON FACE DETECTION, TRACKING, RECOGNITION AND/OR ANALYSIS USING EVENTS-BASED VISION SENSOR**
[54] **DETECTION, POURSUITE, RECONNAISSANCE ET/OU ANALYSE DE VISAGES PERMANENTES A FAIBLE CONSOMMATION D'ENERGIE AU MOYEN D'UN CAPTEUR DE VISION A BASE D'EVENEMENTS**
[72] GOUSEV, EVGENI, US
[72] GOVIL, ALOK, US
[72] MAITAN, JACEK, US
[72] RASQUINHA, NELSON, US
[72] RANGAN, VENKAT, US
[71] QUALCOMM INCORPORATED, US
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[54] **KIOSK GIFT CARD SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CARTES-CADEAUX DE KIOSQUE**
[72] CURTIS, JAMES ROBERT, US
[71] CURTIS, JAMES ROBERT, US
[85] 2017-02-27
[86] 2016-01-13 (PCT/US2016/013276)
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[25] EN
[54] **TIGHTENING SYSTEM FOR ORTHOTICS**
[54] **SYSTEME DE SERRAGE DESTINE A DES ORTHESES**
[72] BURKE, STEVEN, US
[72] HORVATH, JOZSEF, US
[72] ZIMMER, ERIK, US
[71] ASPEN MEDICAL PARTNERS, LLC, US
[85] 2017-02-27
[86] 2016-04-19 (PCT/US2016/028252)
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[51] **Int.Cl. H04L 12/733 (2013.01)**
[25] EN
[54] **A NETWORK ENTITY FOR GEOGRAPHICALLY ROUTING A DATA PACKET TOWARDS A MOBILE DEVICE OVER A COMMUNICATION NETWORK**
[54] **ENTITE DE RESEAU POUR LE ROUTAGE GEOGRAPHIQUE D'UN PAQUET DE DONNEES A UN DISPOSITIF MOBILE VIA UN RESEAU DE COMMUNICATIONS**
[72] KRENDZEL, ANDREY, SE
[72] GINZBOORG, PHILIP, SE
[72] GELABERT, XAVIER, SE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-02-28
[86] 2014-10-10 (PCT/EP2014/071788)
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[51] **Int.Cl. G01T 1/161 (2006.01) A61B 6/03 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING NUCLEAR MEDICINE BRAIN IMAGE**
[54] **PROCEDE D'EVALUATION D'IMAGE DE MEDECINE NUCLEAIRE DE LA TETE**
[72] MURATA, AKIHIRO, JP
[72] MORISHITA, SHIGENORI, JP
[72] DOI, YOSHIHIRO, JP
[72] KOBAYASHI, RYOHEI, JP
[71] NIHON MEDI-PHYSICS CO., LTD, JP
[85] 2017-02-28
[86] 2015-10-29 (PCT/JP2015/080507)
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[51] **Int.Cl. C08L 33/08 (2006.01) C08K 5/13 (2006.01) C08K 5/3475 (2006.01) C08K 5/524 (2006.01) C08L 33/10 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **POLYCARBONATE RESIN COMPOSITION AND ARTICLE MOLDED THEREFROM**
[54] **COMPOSITION DE RESINE DE POLYCARBONATE ET ARTICLE MOULE OBTENU A PARTIR DE CELLE-CI**
[72] KOUNO, KAZUKI, JP
[72] KUWAHARA, HISAYUKI, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2017-02-28
[86] 2015-12-24 (PCT/JP2015/086075)
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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **ACCESS CONTROL SYSTEM AND ACCESS CONTROL METHOD**
[54] **SYSTEME DE CONTROLE D'ACCES ET PROCEDE DE CONTROLE D'ACCES**
[72] KIYOKAWA, YUUICHI, JP
[72] INOUE, KOUJI, JP
[72] NAKAYAMA, RYUUJI, JP
[72] OTA, HIROYUKI, JP
[71] HITACHI SOLUTIONS, LTD., JP
[85] 2017-02-28
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **DETERMINING A PROMPT FOR PERFORMING AN ACTION PRESENTED TO A USER IN ASSOCIATION WITH VIDEO DATA**
[54] **DETERMINATION D'UNE INVITATION A EXECUTER UNE ACTION PRESENTEE A UN UTILISATEUR EN ASSOCIATION AVEC DES DONNEES VIDEO**
[72] SIMO, FIDJI NAHEMA, US
[72] AWAN, ASAD K., US
[72] SHIH, DAVID TIN HO, US
[71] FACEBOOK INC., US
[85] 2017-02-28
[86] 2015-08-31 (PCT/US2015/047831)
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[51] **Int.Cl. H02J 3/00 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **POWER GRID SYSTEM AND METHOD OF DETERMINING POWER CONSUMPTION AT ONE OR MORE BUILDING CONNECTIONS IN A POWER GRID SYSTEM**
[54] **SYSTEME DE RESEAU ELECTRIQUE ET PROCEDE PERMETTANT DE DETERMINER LA CONSOMMATION D'ENERGIE AU NIVEAU D'UNE OU PLUSIEURS CONNEXIONS DE BATIMENT DANS UN SYSTEME DE RESEAU ELECTRIQUE**
[72] PELOSO, MATTHEW, SG
[71] SUN ELECTRIC PTE LTD, SG
[85] 2017-02-28
[86] 2015-06-19 (PCT/SG2015/050170)
[87] (WO2016/032396)
[30] SG (10201405341Y) 2014-08-29

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[25] EN
[54] **EXECUTING GRAPH-BASED PROGRAM SPECIFICATIONS**
[54] **EXECUTION DE SPECIFICATIONS DE PROGRAMME A BASE DE GRAPHES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[72] WEISS, ADAM, US
[72] ROBERTS, ANDREW F., US
[72] WHOLEY, JOSEPH SKEFFINGTON, III, US
[72] GOULD, JOEL, US
[72] KUKOLICH, STEPHEN A., US
[71] AB INITIO TECHNOLOGY LLC, US
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[30] US (62/044,628) 2014-09-02
[30] US (62/164,175) 2015-05-20

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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 10/10 (2012.01) G06Q 50/00 (2012.01)**
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[54] **DISTANT CONTENT DISCOVERY**
[54] **DECOUVERTE DE CONTENU A DISTANCE**
[72] HELVIK, TORBJORN, US
[72] TAYLOR, MICHAEL JAMES, US
[72] VINAY, VISHWA, US
[72] VIKJORD, VIDAR, US
[72] SHAH, VIRAL, US
[72] KUPPUSAMY, ASHOK, US
[72] LILLEBY, BJORNSTEIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-02-28
[86] 2015-09-03 (PCT/US2015/048227)
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[30] US (62/046,602) 2014-09-05
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[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **DATA MIGRATION TOOL WITH INTERMEDIATE INCREMENTAL COPIES**
[54] **OUTIL DE MIGRATION DE DONNEES A COPIES INCREMENTIELLES INTERMEDIAIRES**
[72] AERTS, IVES, BE
[72] MARIVOET, KIM, BE
[71] DATADOBI CVBA, BE
[85] 2017-02-28
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[30] EP (14184344.1) 2014-09-11

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[25] EN
[54] **SMOOOTHING AND GPU-ENABLED RENDERING OF DIGITAL INK**
[54] **LISSAGE ET RENDU D'ENCRE NUMERIQUE ACTIVE PAR GPU**
[72] BONACINA, SILVANO, US
[72] UZELAC, ALEKSANDER, US
[72] HODGES, AUSTIN BRADLEY, US
[72] ABZARIAN, DAVID, US
[72] SU, FEI, US
[72] COHEN, MILES M., US
[72] HODSDON, ANTHONY JOHN ROLLS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **ACTIONABLE ITEM SWITCHER VIEW**
[54] **VUE DE COMMUTATEUR D'ELEMENT ACTIONNABLE**
[72] DOAN, CHRISTOPHER, US
[72] ZARICK, RICHARD, US
[72] SAREEN, CHAITANYA DEV, US
[72] BOWEN, JEREMY MONROE, US
[72] FANG, RICHARD, US
[72] VASUDEVAN, LAVANYA, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **INVOCATION OF A DIGITAL PERSONAL ASSISTANT BY MEANS OF A DEVICE IN THE VICINITY**
[54] **APPEL D'UN ASSISTANT NUMERIQUE PERSONNEL AU MOYEN D'UN DISPOSITIF AU VOISINAGE**
[72] JOHNSON, JEFFREY JAY, US
[72] SRIDHARAN, MURARI, US
[72] VIRDI, GURPREET, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-02-28
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[54] **PARAMETRIC INERTIA AND APIS**
[54] **INERTIE PARAMETRIQUE ET API**
[72] HUANG, MING, US
[72] BRUN, NICOLAS J., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **MAPPING ACCOUNT INFORMATION TO SERVER AUTHENTICATION**
[54] **MAPPAGE D'INFORMATIONS DE COMPTE VERS UNE AUTHENTIFICATION SUR SERVEUR**
[72] SETO, JULIE, US
[72] STAVROU, EVAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **INACTIVE REGION FOR TOUCH SURFACE BASED ON CONTEXTUAL INFORMATION**
[54] **ZONE INACTIVE POUR UNE SURFACE TACTILE SUR LA BASE D'INFORMATIONS CONTEXTUELLES**
[72] DUROJAIYE, OLUMUYIWA M., US
[72] ABZARIAN, DAVID, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **POLICY APPLICATION FOR MULTI-IDENTITY APPS**
[54] **MISE EN □UVRE DE REGLEMENTS POUR DES APPLICATIONS A MULTI-IDENTITES**
[72] EMERSON, DANIEL FLOYD, US
[72] DORFMAN, JEREMY CHRISTOPHER, US
[72] JACOBSON, NEIL ADAM, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHOD OF MAKING A SKIN CARE PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE SOIN DE LA PEAU**
[72] OSBORNE, ROSEMARIE, US
[72] MCILDOWIE, MATTHEW JAMES, AU
[72] EDWARDS, JEFFREY DAVID, AU
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **FLEXIBLE ELECTRONIC CIRCUITS WITH EMBEDDED INTEGRATED CIRCUIT DIE AND METHODS OF MAKING AND USING THE SAME**
[54] **CIRCUITS ELECTRONIQUES SOUPLES A PUCE DE CIRCUIT INTEGRE INCORPOREE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DALAL, MITUL, US
[72] GUPTA, SANJAY, US
[71] MC10, INC., US
[85] 2017-02-28
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[54] **NOVEL ANTI-MFI2 ANTIBODIES AND METHODS OF USE**
[54] **NOUVEAUX ANTICORPS ANTI-MFI2 ET METHODES D'UTILISATION**
[72] WILLIAMS, SAMUEL, US
[72] SAUNDERS, LAURA, US
[72] KARSUNKY, HOLGER, US
[72] BOONTANRART, MANDY, US
[71] ABBVIE STEMCENTRX LLC, US
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[25] EN
[54] **FOAM-FORMING COMPOSITIONS AND METHODS FOR DELIVERING AN ACTIVE AGENT TO A BODY CAVITY**
[54] **COMPOSITIONS FORMANT UNE MOUSSE ET METHODES D'ADMINISTRATION D'UN AGENT ACTIF DANS UNE CAVITE CORPORELLE**
[72] LINDAL, AKE, SE
[71] PHARMIVA AB, SE
[85] 2017-03-01
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[54] **MOBILE SHELTERED WORKSTATION**
[54] **STATION DE TRAVAIL MOBILE ABRITEE**
[72] RYAN, SAUL ANTHONY, US
[71] RYAN, SAUL ANTHONY, US
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[54] **AUTOMATIC PARKING BRAKE FOR BODY MOUNTED BRAKE CYLINDER**
[54] **FREIN DE STATIONNEMENT AUTOMATIQUE POUR CYLINDRE DE FREIN MONTE SUR CARROSSERIE**
[72] HUBER, HOWARD, JR., US
[72] NEULIEB, ROBERT, US
[71] NEW YORK AIR BRAKE, LLC, US
[85] 2017-03-01
[86] 2015-09-02 (PCT/US2015/048051)
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[54] **POSABLE TOY LINKAGE**
[54] **ELEMENT D'ACCOUPLEMENT A FONCTIONS DE POSE POUR JOUET**
[72] FARCO, JOSEPH, US
[71] FARCO, JOSEPH, US
[85] 2017-03-01
[86] 2015-08-31 (PCT/US2015/047836)
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[25] EN
[54] **OVERTURNING DEVICE FOR OVERTURNING MOLTEN MATERIAL AND PURGING METHOD**
[54] **DISPOSITIF DE RETOURNEMENT POUR LE RETOURNEMENT D'UNE MASSE FONDUE**
[72] BACKMANN, MARTIN, DE
[72] JACKERING, HERMANN-JOSEF, DE
[72] BUSSMANN, MARKUS, DE
[72] LIESBROCK, BERND, DE
[72] GOLUBSKI, KARSTEN, DE
[71] WINDMOLLER & HOLSCHER KG, DE
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[54] **BUCKET FUNNEL**
[54] **ENTONNOIR DE SEAU**
[72] DEGRAAF, MARTIN CHRISTIAN, 3RD, US
[72] REPP, TIMOTHY CORCORAN, US
[71] DEGRAAF, MARTIN CHRISTIAN, 3RD, US
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[54] **ESTROGEN RECEPTOR LIGAND TREATMENT FOR NEURODEGENERATIVE DISEASES**
[54] **TRAITEMENT PAR LIGAND DU RECEPTEUR DES □STROGENES CONTRE LES MALADIES NEURODEGENERATIVES**
[72] VOSKUHL, RHONDA R., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-03-01
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[54] **FERMETURE DE RECEPTACLE**
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[71] COX, JEFF, US
[85] 2017-03-01
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[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **SHOULDER MONITORING AND TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT ET DE SURVEILLANCE D'EPAULE**
[72] HOENECKE, HEINZ, US
[72] MATSUURA, DAVID G., US
[72] D'LIMA, DARRYL, US
[71] ACTIVE4D, INC., US
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[86] 2015-09-04 (PCT/US2015/048561)
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[25] EN
[54] **DIAGNOSTIC DEVICES WITH MODIFIABLE HYDROPHOBIC SURFACES**
[54] **DISPOSITIFS DE DIAGNOSTIC A SURFACES HYDROPHOBES MODIFIABLES**
[72] PERNG, JOHN, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-03-01
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[30] US (62/045,707) 2014-09-04

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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **MULTIPLES MITIGATION AND IMAGING WITH INCOMPLETE SEISMIC DATA**
[54] **ATTENUATION ET IMAGERIE DE MULTIPLES A L'AIDE DE DONNEES SISMIQUES INCOMPLETES**
[72] RICKETT, JAMES E., GB
[72] KOSTOV, CLEMENT, US
[72] MAKINEN, ANNA MARJATTA, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-03-01
[86] 2015-09-04 (PCT/US2015/048456)
[87] (WO2016/037022)
[30] US (62/046,026) 2014-09-04

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/40 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **CUSTOMIZABLE DATA MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE DONNEES PERSONNALISABLES**
[72] CHRISTIANSEN, BRADLEY, US
[72] PRABHU, ARVIND, US
[72] VOCK, MICHAEL, US
[71] THERMODYNAMIC DESIGN, LLC, US
[71] THERMODYNAMIC DESIGN, LLC, US
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[54] **RENAL IMAGING AGENT**
[54] **AGENT D'IMAGERIE RENALE**
[72] NAKATA, NORIHITO, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
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[86] 2015-09-07 (PCT/JP2015/075295)
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[54] **MODULAR BUOYANCY SYSTEM AND FLOTATION ELEMENT FOR NET CAGE**
[54] **SYSTEME DE FLOTTABILITE MODULAIRE ET ELEMENT DE FLOTTATION POUR CAGE A FILET**
[72] NASS, ANDERS, NO
[71] AKVADESIGN AS, NO
[85] 2017-03-02
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[30] NO (20141089) 2014-09-08

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[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/02 (2006.01)**
[25] EN
[54] **ANNULAR DRILLING DEVICE**
[54] **DISPOSITIF DE FORAGE ANNULAIRE**
[72] HUGHES, WILLIAM JAMES, US
[72] PETTIGREW, THOMAS L., US
[71] SUNSTONE TECHNOLOGIES, LLC, US
[85] 2017-03-02
[86] 2015-06-19 (PCT/US2015/036585)
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[51] **Int.Cl. C12P 21/00 (2006.01) C12N 5/0783 (2010.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/80 (2006.01) C12N 15/85 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **DISCOVERING AND PRODUCING CONDITIONALLY ACTIVE BIOLOGIC PROTEINS IN THE SAME EUKARYOTIC CELL PRODUCTION HOSTS**
[54] **DECOUVERTE ET PRODUCTION DE PROTEINES BIOLOGIQUES CONDITIONNELLEMENT ACTIVES DANS LES MEMES CELLULES HOTES EUCARYOTES DE PRODUCTION**
[72] SHORT, JAY M., US
[71] BIOATLA, LLC, US
[85] 2017-03-02
[86] 2015-09-03 (PCT/US2015/048258)
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[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/00 (2006.01) A61L 31/00 (2006.01)**
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[54] **IMPLANTABLE MESH AND METHOD OF USE**
[54] **MAILLE IMPLANTABLE ET PROCEDE D'UTILISATION**
[72] LEVINSON, HOWARD, US
[71] DUKE UNIVERSITY, US
[85] 2017-03-02
[86] 2015-09-04 (PCT/US2015/048557)
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[30] US (62/045,718) 2014-09-04
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[54] **LIGHT SYSTEM FOR LIFT GATES**
[54] **SYSTEME DE LUMIERE POUR HAYONS**
[72] MARJI, GEORGE Y., US
[72] ABLABUTAN, KARAPET, US
[71] MAXON INDUSTRIES, INC., DBA MAXON LIFT CORP., US
[85] 2017-03-02
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[51] **Int.Cl. A61K 31/405 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **USE OF L-TRYPTOPHAN FOR THE TREATMENT OF PARASOMNIAS**
[54] **UTILISATION DE L-TRYPTOPHANE POUR LE TRAITEMENT DE PARASOMNIES**
[72] SHAPIRO, COLIN, CA
[72] VAN ZYL, LOUIS, CA
[71] SHAPIRO, COLIN, CA
[71] VAN ZYL, LOUIS, CA
[85] 2017-03-01
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[51] **Int.Cl. G01S 13/90 (2006.01)**
[25] EN
[54] **SYNTHETIC APERTURE RADAR SIGNAL PROCESSING DEVICE AND SYNTHETIC APERTURE RADAR SIGNAL PROCESSING PROGRAM**
[54] **DISPOSITIF ET PROGRAMME DE TRAITEMENT DE SIGNAL RADAR A OUVERTURE SYNTHETIQUE**
[72] ASAMI, HIROAI, JP
[72] OZAKI, ATSUO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-03-01
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[54] **3-DOF MEMS PISTON-TUBE ELECTROSTATIC MICROACTUATOR**
[54] **MICRO-ACTIONNEUR ELECTROSTATIQUE A TUBES ET PISTONS MEMS A 3 DEGRES DE LIBERTE**
[72] BA-TIS, FAEZ, CA
[72] BEN-MRAD, RIDHA, CA
[71] BA-TIS, FAEZ, CA
[71] BEN-MRAD, RIDHA, CA
[85] 2017-02-28
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[51] **Int.Cl. G01N 33/569 (2006.01)**
[25] EN
[54] **METHODS FOR SIMULTANEOUS DETERMINATION OF SEROLOGICAL PROFILE AND ESTIMATION OF DURATION POST HIV INFECTION**
[54] **PROCEDES DE DETERMINATION SIMULTANEE DE PROFIL SEROLOGIQUE ET D'ESTIMATION DE DUREE APRES INFECTION PAR LE VIH**
[72] CHETTY, CHAMROEN, US
[72] LI, XING XIANG, US
[71] AVIOQ, INC., US
[85] 2017-03-01
[86] 2015-10-07 (PCT/US2015/054393)
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[25] EN
[54] **MICROPATTERNED INTRAOCULAR IMPLANT**
[54] **IMPLANT INTRAOCULAIRE A MICROMOTIFS**
[72] CUEVAS, KEVIN H., US
[72] REDDY, SHRAVANTHI T., US
[72] MAGIN, CHELSEA MARIE, US
[72] METTETAL, MICHAEL R., US
[72] BRENNAN, ANTHONY B., US
[72] MAY, RHEA MARIE, US
[72] MANN, ETHAN EUGENE, US
[71] INSIGHT INNOVATIONS, LLC, US
[71] SHARKLET TECHNOLOGIES, INC., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2017-03-01
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[30] US (62/034,401) 2014-08-07

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[25] EN
[54] **LEVITATION CONTROL SYSTEM FOR A TRANSPORTATION SYSTEM**
[54] **SYSTEME DE COMMANDE DE LEVITATION POUR UN SYSTEME DE TRANSPORT**
[72] WAMBLE, JOHN LEE, III, US
[72] COLE, JOHN, US
[72] FOSTER, CLARK B., US
[71] SKYTRAN INC., US
[85] 2017-03-02
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[30] US (62/047,624) 2014-09-08

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[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **PREDICTING TEMPERATURE-CYCLING-INDUCED DOWNHOLE TOOL FAILURE**
[54] **PREVISION DE DEFAILLANCE D'OUTIL DE FOND DE PUITS INDUITE PAR CYCLAGE DE TEMPERATURE**
[72] SAMUEL, ROBELLO, US
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[72] DURSUN, SERKAN, US
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[54] **UTILISATION D'UN AGENT STIMULANT LE RECEPTEUR GABAA DANS LE CADRE DE LA PREPARATION D'UN MEDICAMENT SEDATIF ET ANESTHESIQUE**
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[72] LI, FANGQIONG, CN
[72] LIU, JIANYU, CN
[72] YU, YAN, CN
[72] LI, HONGHU, CN
[72] MU, HONG, CN
[72] ZHANG, YUQUAN, CN
[72] YU, QINGYANG, CN
[72] CHENG, FUJUN, CN
[72] YAN, PANGKE, CN
[72] ZHAO, ZIWEI, CN
[72] QIN, LINLIN, CN
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[54] **FRAGMENTATION DE DONNEES DE LIAISON MONTANTE POUR DES RESEAUX A MULTIPLES UTILISATEURS**
[72] DING, GANG, US
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] CHERIAN, GEORGE, US
[72] ASTERJADHI, ALFRED, US
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[54] **BANDE NON TISSEE**
[72] HAMMONS, JOHN LEE, US
[72] ARORA, KELYN ANNE, US
[72] DUVAL, DEAN LARRY, US
[72] NIEZGODA, STEPHANIE MICHELLE, US
[72] CHHABRA, RAJEEV, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITIONS ET PROCEDES POUR INDUIRE LA PHAGOCYTOSE DE CELLULES POSITIVES DE CLASSE I DU CMH ET POUR CONTRER LA RESISTANCE AUX AGENTS ANTI-CD47/SIRPA**
[72] MAUTE, ROY LOUIS, US
[72] WEISKOPF, KIPP ANDREW, US
[72] RING, AARON MICHAEL, US
[72] WEISSMAN, IRVING L., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **METHODS FOR DETECTING OVARIAN CANCER**
[54] **PROCEDES DE DETECTION DU CANCER DE L'OVAIRE**
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[54] **GENERATEUR SANS ARBRE**
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[71] KULIKOV, VADIM, RU
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[54] **SYSTEME ET PROCEDE D'EVALUATION DE SENTIMENTS**
[72] BROVINSKY, GILAD, IL
[72] ISRAEL, ZOHAR, IL
[72] LANDAU, SMADAR, IL
[71] FEELTER SALES TOOLS LTD, IL
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[54] **POROUS TITANATE COMPOUND PARTICLES AND METHOD FOR PRODUCING SAME**
[54] **PARTICULES DE COMPOSE DE TITANATE POREUX ET PROCEDE DE PRODUCTION ASSOCIE**
[72] KAMADA, SHOGO, JP
[71] OTSUKA CHEMICAL CO., LTD., JP
[85] 2017-03-01
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[54] **MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONTROLE**
[72] BROWN, PHILIP GREGORY, AU
[72] MERCER, ALEC M., US
[72] REID, JEFF T., US
[71] HUBBELL INCORPORATED, US
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[54] **BINDER COMPOSITION AND PAINT FORMULATION MADE THEREOF**
[54] **COMPOSITION DE LIANT ET FORMULATION DE PEINTURE FABRIQUEE A PARTIR DE CELLE-CI**
[72] ZHANG, SHILING, CN
[72] YUN, DONG, CN
[72] WANG, YUJIANG, CN
[72] WANG, CAIFENG, CN
[72] JIANG, SIYUAN, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **TOXINE BOTULIQUE ET PARTICULES COLLOIDALES D'ARGENT**
[72] WILLOUGHBY, ANDREW J.M., CA
[72] MOELLER, KEITH WILLIAM, US
[71] AMERICAN SILVER, LLC, US
[71] DR. ANDREW WILLOUGHBY INC., CA
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[54] **SEMI-CONTINUOUS CULTURE METHODS**
[54] **PROCEDES DE CULTURE SEMI-CONTINUE**
[72] SUN, ZHIYONG, CA
[72] MILWAY, MICHAEL, CA
[72] BERRYMAN, KEVIN, CA
[72] VALENTINE, MERCIA, CA
[72] ARMENTA, ROBERTO E., CA
[72] PURDUE, LAURA, CA
[71] MARA RENEWABLES CORPORATION, CA
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[54] **COMPLETION DE PUITS AVEC SYSTEME DE GUIDAGE A FIL UNIQUE**
[72] MOSS, CLINTON, US
[72] RIDGWAY, DOUGLAS, US
[72] MARTIN, TROY, US
[71] APPLIED TECHNOLOGIES ASSOCIATES, INC., US
[71] APPLIED TECHNOLOGIES ASSOCIATES, INC, US
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[54] **ACTIVE MAGNETIC AZIMUTHAL TOOLFACE FOR VERTICAL BOREHOLE KICKOFF IN MAGNETICALLY PERTURBED ENVIRONMENTS**
[54] **FACE DE COUPE AZIMUTALE MAGNETIQUE ACTIVE POUR DEVIATION DE TROU DE FORAGE VERTICAL DANS DES ENVIRONNEMENTS PERTURBES MAGNETIQUEMENT**
[72] MOSS, CLINTON, US
[72] RIDGWAY, DOUGLAS, US
[72] MARTIN, TROY, US
[72] LAPORTA, ARTHUR, US
[71] APPLIED TECHNOLOGIES ASSOCIATES, INC., US
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[54] **APPAREIL MEDICAL ET PROCEDE ASSOCIE**
[72] HILL, DUNCAN JOHN, GB
[72] SNELL, THOMAS, GB
[71] POLYPHOTONIX LIMITED, GB
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[54] **ARTICLE A PORTER SUR SOI COMPRENANT UNE CEINTURE ELASTIQUE**
[72] MORIMOTO, KOICHI, CN
[72] TONG, LING, CN
[72] YU, LI, CN
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ACID LEACHING OF RARE EARTH ELEMENTS**
[54] **LIXIVIATION PAR UN ACIDE D'ELEMENTS DES TERRES RARES**
[72] DREISINGER, DAVID, CA
[72] VERBAAN, CORNELIS, CA
[71] SEARCH MINERALS INC., CA
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[54] **SELECT SCHIFF BASE COMPOUNDS FOR CHEMICAL AGENT DETOXIFICATION**
[54] **COMPOSES DE TYPE BASE DE SCHIFF DE CHOIX POUR LA DETOXICATION D'AGENTS CHIMIQUES**
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[72] SALTER, WALLACE BRUCE, US
[72] SIMPSON, KATHERINE MOSS, US
[71] OWENS, JEFFERY RAY, US
[71] SALTER, WALLACE BRUCE, US
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[54] **METHOD AND SYSTEM FOR CONTROLLING AN ARTIFICIAL CELLAR**
[54] **PROCEDE ET SYSTEME DE COMMANDE D'UNE CAVE ARTIFICIELLE**
[72] BOULBES, GREGORY, FR
[72] BOULBES, FRANCK, CA
[71] CELLIER DOMESTICUS INC., CA
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[54] **COUPLER CONNECTOR AND CABLE TERMINATOR WITH SIDE CONTACTS**
[54] **CONNECTEUR DE COUPLAGE ET TERMINAISON DE CABLE A CONTACTS LATERAUX**
[72] FONTAINE, MARC, CA
[72] PLAMONDON, JEAN-SEBASTIEN, CA
[72] SIEV, VIRAK, CA
[72] DESROCHERS, ALAIN, CA
[72] MILETTE, LUC, CA
[72] BEAUREGARD, FRANCOIS, CA
[71] BELDEN CANADA INC., CA
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[54] **DETECTION D'INFORMATIONS ERRONEES OU DE DEFAUTS SUR LES DOS DE CARTES A JOUER**
[72] DRAKE, JAMES F., US
[71] DRAKE, JAMES F., US
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[54] **TOUCH BLACKBOARD, TOUCH BLACKBOARD FRAME, TOUCH ALL-IN-ONE MACHINE AND COMBINED BLACKBOARD**
[54] **TABLEAU NOIR TACTILE, CADRE DE TABLEAU NOIR TACTILE, MACHINE MONOBLOC TACTILE ET TABLEAU NOIR COMBINE**
[72] LIU, ZEJIANG, CN
[71] UC NANO TECHNOLOGIES CO., LTD., CN
[85] 2017-03-01
[86] 2015-09-02 (PCT/CN2015/088851)
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[30] CN (201420503554.9) 2014-09-03
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[54] **CELLULES SOUCHES PLURIPOTENTES POUR LE TRAITEMENT D'UN ULCERE CUTANE DIABETIQUE**
[72] YOSHIMURA, KOTARO, JP
[72] KINOSHITA, KAHORI, JP
[72] DEZAWA, MARI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] TOHOKU UNIVERSITY, JP
[85] 2017-03-01
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[72] NGUYEN, DENNIS P., US
[71] CAMERON INTERNATIONAL CORPORATION, US
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[25] EN
[54] **A PROTEINACEOUS MEAT ANALOGUE HAVING AN IMPROVED TEXTURE AND AN EXTENDED SHELF-LIFE**
[54] **ANALOGUE DE VIANDE PROTEINIQUE AYANT UNE TEXTURE AMELIOREE ET UNE DUREE DE CONSERVATION ACCRUE**
[72] REDL, ANDREAS, BE
[72] FENEUIL, AURELIEN, BE
[72] VOGEL, FABRICE, FR
[71] SYRAL BELGIUM NV, BE
[85] 2017-03-02
[86] 2015-09-07 (PCT/IB2015/056834)
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[25] EN
[54] **AN INCLUSION CONTAINING PROTEINACEOUS MEAT ANALOGUE HAVING AN IMPROVED TEXTURE AND AN EXTENDED SHELF-LIFE**
[54] **INCLUSION CONTENANT UN ANALOGUE DE VIANDE PROTEINIQUE AYANT UNE TEXTURE AMELIOREE ET UNE DUREE DE CONSERVATION PROLONGEE**
[72] REDL, ANDREAS, BE
[72] FENEUIL, AURELIEN, BE
[72] VOGEL, FABRICE, FR
[71] SYRAL BELGIUM NV, BE
[85] 2017-03-02
[86] 2015-09-07 (PCT/IB2015/056837)
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[54] **DEUTERATED OR A NON-DEUTERATED MOLECULE AND PHARMACEUTICAL FORMULATIONS**
[54] **MOLECULE DEUTEREE OU NON-DEUTEREE ET FORMULATIONS PHARMACEUTIQUES**
[72] SINGH, BHUPINDER, US
[71] SINGH, BHUPINDER, US
[85] 2017-03-01
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[54] **IDENTIFICATION OF A CONTACT POINT BETWEEN A PANTOGRAPH AND A POWER SUPPLY LINE IN AN IMAGE**
[54] **IDENTIFICATION D'UN POINT DE CONTACT ENTRE UN PANTOGRAPHE ET UNE LIGNE D'ALIMENTATION ELECTRIQUE DANS UNE IMAGE**
[72] PENG, EN, AU
[72] LAU, WILLIAM HOCK OON, AU
[72] ADAMS, BRETT, AU
[71] DTI GROUP LIMITED, AU
[85] 2017-03-02
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[54] **CIRCUIT DE COMMANDE ET IDENTIFICATION D'UNE TORCHE AU PLASMA**
[72] FOCHESATTO, JUAREZ, BR
[71] POWERMIG AUTOMACAO E SOLDAGEM LTDA, BR
[85] 2017-03-02
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[54] **SYSTEME ET PROCEDE DE CHARGEUR DE TIGES**
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[72] KAMARAINEN, TIMO, FI
[72] SIEPPI, VESA, FI
[71] ARCTIC DRILLING COMPANY OY LTD, FI
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[71] EXTHERA MEDICAL CORPORATION, US
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[54] **CAPTEURS ET SYSTEMES DE CAPTEURS ENCAPSULES POUR BIODOSAGES ET DIAGNOSTICS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] KANG, DONG-KU, US
[72] ZHANG, KAIXIANG, US
[72] ALI, MD MONSUR, US
[72] ECKERT, MARK A., US
[72] LI, FENG, US
[72] GRATTON, ENRICO, US
[72] DIGMAN, MICHELLE A., US
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DERIVES DE 7-(MORPHOLINYL)-2-(N-PIPERAZINYL)METHYLTHIENO[2, 3-C]PYRIDINE EN TANT QUE MEDICAMENTS ANTICANCEREUX**
[72] KONAKANCHI, DURGA PRASAD, IN
[72] PULA, SUBBA RAO, IN
[72] PILLI, RAMA KRISHNA, IN
[72] MADDULA, LAKSHMANA VISWA VENKATA PAVAN KUMAR, IN
[72] KONDURI, SRINIVASA KRISHNA MURTHY, IN
[72] RAVI, JANAKI RAMA RAO, IN
[72] VUPPALAPATI, NAGA VASANTA SRINIVASU, IN
[72] THOOTA, SANDEEP KUMAR, IN
[72] MUDDASANI, PULLA REDDY, IN
[72] ADIBHATLA, KALI SATYA BHUJANGA RAO, IN
[72] NANNAPANENI, VENKAIAH CHOWDARY, IN
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[54] **DESINFECTION DE CANAL RADICULAIRE A BASE DE MICROBULLES PHOTOCHIMIQUEMENT ACTIVEES**
[72] KISHEN, ANIL, CA
[71] SYACT, LLP, US
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[72] GAO, QINGZHI, CN
[72] MI, YI, CN
[72] WANG, XULIANG, CN
[71] CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD., CN
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[54] **SOURCES DE LUMIERE A LED A PREFERENCE DE COULEUR AMELIOREE UTILISANT DES PHOSPHORES YAG ET PFS ET DU NITRURE DE PHOSPHORE**
[72] VICK, KEVIN JAMES, US
[72] ALLEN, GARY ROBERT, US
[72] CHOWDHURY, ASHFAQUL I., US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **INSTRUMENT DE SERTISSAGE DE DIMENSION REDUITE, DE COMPATIBILITE PROLONGEE ET AYANT DES CARACTERISTIQUES DE PROTECTION DU TISSU**
[72] SAUER, JUDE, S., US
[71] LSI SOLUTIONS, INC., US
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[54] **PROCEDES, SYSTEMES ET APPAREIL DE TRAITEMENT DE PAQUETS DE DONNEES**
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[72] COOPER, STEPHEN, US
[71] NASDAQ, INC., US
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[54] **PATHOGENE ET TEST DE RESISTANCE ANTIMICROBIENNE**
[72] HOLMES, ELIZABETH, US
[72] SHEE, CHANDAN, US
[71] THERANOS, INC., US
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[54] **SYSTEME DE DETERMINATION DE COMPOSANTS DE MATIERE ELIMINEE D'UN CORPS VIVANT ET PROCEDES ASSOCIES**
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[72] HISEL, RICHARD D., US
[72] WHITMAN, WILLIAM, US
[71] WERD, LLC, US
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[72] BRANDT, JUSTIN P., US
[72] HANEY, CRAIG, US
[72] WORTMANN, STEVE A., US
[72] DOLE, DOUGLAS R., US
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[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE DE CONFORMITE DANS UNE CONFERENCE FONDEE SUR UN MEDIA SECURISE**
[72] ANDERSON, ERIC, US
[72] HENDERSON, DAGAN, US
[71] EDIFIRE LLC, US
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[54] **DISTRIBUTED DATA SYNCHRONIZATION AND CONFLICT RESOLUTION**
[54] **SYNCHRONISATION DE DONNEES REPARTIES ET RESOLUTION DE CONFLITS**
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[71] EDIFIRE LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING ENERGY USAGE USING ENERGY DISAGGREGATION DATA AND TIME OF USE INFORMATION**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION D'UTILISATION D'ENERGIE AU MOYEN DE DONNEES DE DESAGREGATION D'ENERGIE ET D'INFORMATIONS DE TEMPS D'UTILISATION**
[72] GUPTA, ABHAY, US
[72] GARUD, VIVEK, US
[71] BIDGELY INC., US
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[54] **SYSTEME DE DOCUMENTATION DE VEHICULE**
[72] DILLOW, CHRISTOPHER, US
[71] ADESA, INC., US
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[54] **INFORMATION TERMINAL DEVICE, MOTION CAPTURE SYSTEM, AND MOTION CAPTURE METHOD**
[54] **DISPOSITIF TERMINAL D'INFORMATIONS, SYSTEME DE CAPTURE DE MOUVEMENT, ET PROCEDE DE CAPTURE DE MOUVEMENT**
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[72] ANDO, TOSHIYA, JP
[72] MATSUSHITA, NOBUYUKI, JP
[72] NISHIMURA, TAKUYA, JP
[72] FUKUMA, SHINICHI, JP
[71] LEOMO, INC., JP
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[54] **PROCEDE DESTINE A PRODUIRE UN POLYMERE ANIONIQUE**
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[72] TSUJI, TOMOAKI, JP
[72] SUNAGA, SYUICHI, JP
[71] KURARAY CO., LTD., JP
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[54] **COMPOSITION DE DENTIFRICE**
[72] ITAKURA, TAKAYUKI, JP
[72] TAKIKAWA, RIMIKO, JP
[72] OBUKI, MARIKO, JP
[72] TAKAMATSU, RIE, JP
[71] KABUSHIKI KAISHA SANGI, JP
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[54] **EQUIPEMENT DE FOND DE TROU SCELLE ET PROCEDE DE FABRICATION DE L'EQUIPEMENT**
[72] DOWNEY, LUKE CHRISTOPHER, US
[72] JONES, PAUL JOSEPH, US
[72] BUDLER, NICHOLAS FREDERICK, US
[72] HELMS, LONNIE C., US
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AGENT LIQUIDE ANTI-RETRAIT POUR CIMENT**
[72] AGAPIOU, KYRIACOS, US
[72] HARRIS, CODY GLENN, US
[72] LEWIS, SAMUEL J., US
[72] PISKLAK, THOMAS JASON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SERINE PROTEASES EN TANT QUE BIOMARQUEURS POUR LE CANCER DE L'OVAIRE**
[72] PECORA, ANDREW L., US
[72] SUH, K., STEPHEN, US
[72] TAMIR, AYALA, US
[71] PECORA, ANDREW L., US
[71] HACKENSACK UNIVERSITY MEDICAL CENTER, US
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[54] **METHODS AND SYSTEMS FOR MULTI-FACTOR AUTHENTICATION IN SECURE MEDIA-BASED CONFERENCING**
[54] **PROCEDES ET SYSTEMES D'AUTHENTIFICATION MULTI-FACTEURS EN CONFERENCE MULTIMEDIA SECURISEE**
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[72] GOEPP, DANIEL P., US
[71] EDIFIRE LLC, US
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[54] **MULTI-WAVELENGTH PHOTOTHERAPY DEVICES, SYSTEMS, AND METHODS FOR THE NON-INVASIVE TREATMENT OF DAMAGED OR DISEASED TISSUE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE PHOTOTHERAPIE A PLUSIEURS LONGUEURS D'ONDE POUR LE TRAITEMENT NON INVASIF DE TISSU ENDOMMAGE OU MALADE**
[72] TEDFORD, CLARK E., US
[72] DELAPP, SCOTT, US
[72] BRADLEY, SCOTT, US
[71] LUMITHERA, INC., US
[85] 2017-03-02
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[54] **PROCEDES DE DETECTION DE PATHOGENES ET DE GESTION DES MALADIES AU NIVEAU DE VIANDES, DE PLANTES OU DE PARTIES DE PLANTES**
[72] BEESON, WILLIAM T., IV, US
[72] MACLEAN, DANIEL, US
[72] COEN, CHRISTINA, US
[71] AGROFRESH INC., US
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[54] **STABILISATION DE GAIN D'UN OUTIL A RAYONS GAMMA NATURELS**
[72] MOAKE, GORDON L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEMS AND METHODS FOR IMAGING AND MANIPULATING TISSUE**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE ET DE MANIPULATION DE TISSU**
[72] FELDMAN, MARC, D., US
[72] MILNER, THOMAS E., US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN COMPOSE DEXTROMETHORPHANE ET DE LA QUINIDINE PERMETTANT LE TRAITEMENT DE L'AGITATION DANS LE CADRE D'UNE DEMENCE**
[72] SIFFERT, JOAO, US
[71] AVANIR PHARMACEUTICALS, INC., US
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[54] **AGRICULTURAL ENDOPHYTE-PLANT COMPOSITIONS, AND METHODS OF USE**
[54] **COMPOSITIONS AGRICOLES ASSOCIANT PLANTES ET ENDOPHYTES ET LEURS PROCEDES DE PREPARATION**
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[72] FLAVELL, RICHARD, US
[72] TOLEDO, GERARDO V., US
[72] JACK, ALLISON, US
[72] JOHNSTON, DAVID MORRIS, US
[72] DJONOVIC, SLAVICA, US
[72] MARQUEZ, LUIS MIGUEL, US
[72] MILLET, YVES ALAIN, US
[72] SADOWSKI, CRAIG, US
[72] LYFORD, JEFFREY, US
[72] NAYDICH, ALEXANDER, US
[71] INDIGO AG, INC., US
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[54] **MESURE ET TRAITEMENT DE FLUX DE FLUIDE**
[72] PEMBROKE, PAUL WILLIAM, AU
[71] SCIENCE DEVELOPMENTS PTY LTD, AU
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING INFLAMMATION**
[54] **COMPOSITIONS ET METHODES POUR TRAITER ET PREVENIR L'INFLAMMATION**
[72] SAPIEHA, PRZEMYSLAW, CA
[72] BEAULIEU, NORMAND, CA
[71] RSEM, LIMITED PARTNERSHIP, CA
[85] 2017-03-02
[86] 2015-09-08 (PCT/CA2015/050862)
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[54] **FLOORING MODULE**
[54] **MODULE DE REVETEMENT DE SOL**
[72] BOYD, MICHAEL DAVID, AU
[72] GRAY, MARK, AU
[71] BOYD, MICHAEL DAVID, AU
[85] 2017-03-03
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[25] EN
[54] **ENERGY CHANNELLING SINGLE STAGE POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE A ETAGE UNIQUE POUR CANALISATION D'ENERGIE**
[72] FANG, PENG, CA
[72] LIU, YAN-FEI, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2017-03-03
[86] 2015-09-03 (PCT/CA2015/000484)
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[25] EN
[54] **COMPOSITION AND MEDICAL PRODUCT FOR REDUCING BODY WEIGHT AND BODY FAT, AND USE OF SAID PRODUCT**
[54] **COMPOSITION ET PRODUIT MEDICAL POUR REDUIRE LA MASSE CORPORELLE ET LA GRAISSE CORPORELLE ET UTILISATION DUDIT PRODUIT**
[72] LING, YU-FANG, CN
[71] CALIWAY BIOPHARMACEUTICALS CO., LTD., CN
[85] 2017-02-27
[86] 2015-08-28 (PCT/CN2015/088338)
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[54] **DOSAGE IN VITRO D'EXCRETION BILIAIRE**
[72] NOVIK, ERIC, US
[72] CHO, CHEUL, US
[72] PAREKH, AMIT, US
[72] FREEDMAN, ROBERT, US
[72] YARMUSH, MARTIN L., US
[72] PLUDWINSKI, ERIC, US
[71] HUREL CORPORATION, US
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[54] **ELECTRICAL ISOLATOR OF RAIL SECTIONS**
[54] **ISOLATEUR ELECTRIQUE DE SECTIONS DE RAIL**
[72] LOMBARDINI, MARCO, CH
[71] PLASTEX SA, CH
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[54] **FLAVIVIRUS VIRUS LIKE PARTICLE**
[54] **PARTICULE PSEUDO-VIRALE DU FLAVIVIRUS**
[72] AKAHATA, WATARU, US
[72] UENO, RYUJI, US
[71] VLP THERAPEUTICS, LLC, US
[85] 2017-03-03
[86] 2015-09-10 (PCT/JP2015/004623)
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[25] EN
[54] **STEEL SHEET FOR CROWN CAP AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER POUR COUVERCLE ET SON PROCEDE DE PRODUCTION**
[72] TSUJIMOTO, MASAMI, JP
[72] TANAKA, TAKUMI, JP
[72] HIRAGUCHI, TOMONARI, JP
[72] KOJIMA, KATSUMI, JP
[72] ARATANI, MAKOTO, JP
[72] SUGIHARA, REIKO, JP
[72] AOKI, FUMIO, JP
[72] KIKUCHI, TOSHIHIRO, JP
[72] NAKAMARU, HIROKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-03-03
[86] 2015-10-08 (PCT/JP2015/005115)
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[25] EN
[54] **NANO-STRUCTURED POROUS THERMOELECTRIC GENERATORS**
[54] **GENERATEURS THERMOELECTRIQUES STRUCTURES NANOPOREUX**
[72] CARBERRY, JOHN, US
[71] MOSSEY CREEK TECHNOLOGIES INC., US
[85] 2017-03-02
[86] 2015-09-08 (PCT/US2015/048877)
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[51] **Int.Cl. H04H 20/59 (2009.01) H04H 20/08 (2009.01)**
[25] EN
[54] **SYSTEM WITH A COMPANION DEVICE AND A PRIMARY DEVICE**
[54] **SYSTEME AYANT UN DISPOSITIF D'ACCOMPAGNEMENT ET UN DISPOSITIF PRINCIPAL**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-03-03
[86] 2015-10-19 (PCT/JP2015/005264)
[87] (WO2016/063518)
[30] US (62/066,827) 2014-10-21

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[51] **Int.Cl. G01F 1/84 (2006.01) G01F 15/02 (2006.01)**
[25] EN
[54] **DIFFERENTIAL FLOWMETER TOOL**
[54] **OUTIL DE DEBITMETRE DIFFERENTIEL**
[72] ZIMMER, PATRICK JOHN, US
[72] JONES, STEVEN M., US
[71] MICRO MOTION, INC., US
[85] 2017-03-03
[86] 2014-09-04 (PCT/US2014/054120)
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[25] EN
[54] **DISCRETIZATION OF DETECTION ZONE**
[54] **DISCRETISATION DE ZONE DE DETECTION**
[72] HAMEL, PIER-OLIVIER, CA
[72] SIMARD-BILODEAU, VINCENT, CA
[72] POULIN, MICHAEL, CA
[72] OLIVIER, PIERRE, CA
[71] LEDDARTECH INC., CA
[85] 2017-03-03
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[54] **METHOD AND APPARATUS FOR THE REMOTE SUPPLY, DISPLAY AND/OR PRESENTATION OF DYNAMIC INFORMATIVE CONTENTS**
[54] **PROCEDE ET APPAREIL POUR ENVOYER, AFFICHER ET/OU PRESENTER A DISTANCE DES CONTENUS INFORMATIFS DYNAMIQUES**
[72] CIAVATTA, ALDO, IT
[71] CIAVATTA, ALDO, IT
[85] 2017-03-03
[86] 2014-08-26 (PCT/IB2014/064073)
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[54] **PROTEASE-ACTIVATABLE BISPECIFIC PROTEINS**
[54] **PROTEINES BISPECIFIQUES POUVANT ETRE ACTIVEES PAR UNE PROTEASE**
[72] YAN, WEI, US
[72] PENTONY, MARTIN J., US
[72] MICHAELS, MARK L., US
[72] BAEUERLE, PATRICK A., DE
[71] AMGEN INC, US
[85] 2017-03-03
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[25] EN
[54] **FABRIC AND FIBER PRODUCT**
[54] **TISSU ET PRODUIT EN FIBRES**
[72] IWASHITA, KENJI, JP
[71] TEIJIN LIMITED, JP
[85] 2017-03-03
[86] 2015-08-26 (PCT/JP2015/074013)
[87] (WO2016/035638)
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[51] **Int.Cl. B60T 15/18 (2006.01)**
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[54] **BRAKE CYLINDER MAINTAINING REFERENCE**
[54] **REFERENCE DE MAINTIEN DE CYLINDRE DE FREIN**
[72] CONNELL, JASON, US
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-03-03
[86] 2014-09-08 (PCT/US2014/054542)
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[51] **Int.Cl. G06T 17/05 (2011.01) G01V 99/00 (2009.01) G06F 19/00 (2011.01)**
[25] EN
[54] **USING REPRESENTATIVE ELEMENTAL VOLUME TO DETERMINE SUBSET VOLUME IN AN AREA OF INTEREST EARTH MODEL**
[54] **UTILISATION D'UN VOLUME ELEMENTAIRE REPRESENTATIF POUR DETERMINER UN VOLUME DE SOUS-ENSEMBLE DANS UN MODELE TERRESTRE DE REGION D'INTERET**
[72] RAMSAY, TRAVIS, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-03-03
[86] 2014-10-14 (PCT/US2014/060399)
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[51] **Int.Cl. E21B 43/247 (2006.01) E21B 43/26 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **AUTOMATED FRACTURE PLANNING METHODS FOR MULTI-WELL FIELDS**
[54] **PROCEDES DE PLANIFICATION DE FRACTURE AUTOMATISEE POUR CHAMPS MULTI-PUITS**
[72] COLVIN, RICHARD DANIEL, US
[72] PRATT, DEWAYNE EDWARD, US
[72] CROCKETT, STEVEN PAUL, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-03-03
[86] 2014-10-14 (PCT/US2014/060520)
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[51] **Int.Cl. B32B 17/06 (2006.01) C03C 3/06 (2006.01) C03C 3/076 (2006.01) C23D 5/00 (2006.01) C25D 11/24 (2006.01)**
[25] EN
[54] **SILICATE COATINGS**
[54] **REVETEMENTS A BASE DE SILICATE**
[72] JENNINGS, HAMLIN, US
[72] SZCZESNIAK, MICHAL, GB
[71] MCT HOLDINGS LTD., VG
[85] 2017-03-03
[86] 2015-03-13 (PCT/US2015/020325)
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[51] **Int.Cl. A61M 37/00 (2006.01)**
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[54] **PORTABLE HEMODIALYSIS MACHINE AND DISPOSABLE CARTRIDGE WITH BLOOD LEAK SENSOR**
[54] **MACHINE D'HEMODIALYSE PORTABLE ET CARTOUCHE JETABLE POURVUE D'UN DETECTEUR DE FUITE DE SANG**
[72] GIORDANO, RENATO, US
[72] CORDER, RODNEY, US
[71] EASYDIAL, INC., US
[85] 2017-03-03
[86] 2015-05-07 (PCT/US2015/029726)
[87] (WO2016/039822)
[30] US (62/049,742) 2014-09-12
[30] US (14/680,885) 2015-04-07

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[51] **Int.Cl. A61M 1/30 (2006.01)**
[25] EN
[54] **PORTABLE HEMODIALYSIS MACHINE AND DISPOSABLE CARTRIDGE WITH DIALYSIS RESERVOIR LEVEL SENSOR**
[54] **MACHINE D'HEMODIALYSE PORTABLE ET CARTOUCHE JETABLE A CAPTEUR DE NIVEAU DE RESERVOIR DE DIALYSE**
[72] GIORDANO, RENATO, US
[72] CORDER, RODNEY, US
[71] EASYDIAL, INC., US
[85] 2017-03-03
[86] 2015-06-30 (PCT/US2015/038527)
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[30] US (62/049,742) 2014-09-12
[30] US (14/753,982) 2015-06-29

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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A STATUS OF A VALVE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER L'ETAT D'UNE SOUPAPE**
[72] BEAUPRE, DENIS, CA
[71] COMMAND ALKON DUTCH TECH B.V., NL
[85] 2017-03-03
[86] 2015-09-01 (PCT/CA2015/050838)
[87] (WO2016/033685)
[30] US (62/046,227) 2014-09-05

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/14 (2006.01)**
[25] EN
[54] **PORTABLE HEMODIALYSIS ASSEMBLY WITH AMMONIA SENSOR**
[54] **ENSEMBLE HEMODIALYSE PORTABLE AVEC CAPTEUR D'AMMONIAC**
[72] GIORDANO, RENATO, US
[72] CORDER, RODNEY, US
[71] EASYDIAL, INC., US
[85] 2017-03-03
[86] 2015-05-07 (PCT/US2015/029626)
[87] (WO2016/039821)
[30] US (62/049,742) 2014-09-12
[30] US (14/680,846) 2015-04-07

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[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/14 (2006.01)**
[25] EN
[54] **PORTABLE HEMODIALYSIS MACHINE AND DISPOSABLE CARTRIDGE WITH FLOW SENSOR**
[54] **MACHINE D'HEMODIALYSE PORTABLE ET CARTOUCHE JETABLE AVEC CAPTEUR DE DEBIT**
[72] GIORDANO, RENATO, US
[72] CORDER, RODNEY, US
[71] EASYDIAL, INC., US
[85] 2017-03-03
[86] 2015-06-30 (PCT/US2015/038530)
[87] (WO2016/039838)
[30] US (62/049,742) 2014-09-12
[30] US (14/754,059) 2015-06-29

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[51] **Int.Cl. A61B 5/048 (2006.01) G06F 19/10 (2011.01) A61B 5/0476 (2006.01) G06F 3/01 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR BRAIN ACTIVITY SIGNAL-BASED TREATMENT AND/OR CONTROL OF USER DEVICES**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE L'ACTIVITE CEREBRALE BASE SUR LE SIGNAL ET/OU DE COMMANDE DE DISPOSITIFS UTILISATEURS**
[72] MARQUEZ CHIN, CESAR, CA
[72] ATWELL, KATHRYN, CA
[72] POPOVIC, MILOS R., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2017-03-03
[86] 2015-09-02 (PCT/CA2015/050839)
[87] (WO2016/033686)
[30] US (62/046,078) 2014-09-04

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[25] EN
[54] **APPLICATION CENTRIC DISTRIBUTED STORAGE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STOCKAGE DISTRIBUE CENTRE SUR DES APPLICATIONS**
[72] ZACHARIASSEN, RAYAN, CA
[72] LAMB, STEVEN, CA
[71] IOFABRIC INC., CA
[85] 2017-03-03
[86] 2015-09-04 (PCT/CA2015/050847)
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[30] US (62/045,927) 2014-09-04

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/00 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HYDRAULIC COMMUNICATION WITH TARGET WELL FROM RELIEF WELL**
[54] **PROCEDE ET SYSTEME D'ETABLISSEMENT DE COMMUNICATION HYDRAULIQUE AVEC UN PUITS CIBLE A PARTIR D'UN PUITS DE SECOURS**
[72] HESS, JOE E., US
[72] CUTHBERT, ANDY J., US
[72] CRAMM, CARL J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-03
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[25] EN
[54] **METHOD FOR PRODUCING SUGAR LIQUID**
[54] **PROCEDE DE PRODUCTION DE SIROP DE SUCRE**
[72] MINAMINO, ATSUSHI, JP
[72] ASAHI, YUKA, JP
[72] KURIHARA, HIROYUKI, JP
[72] KISHIMOTO, JUMPEI, JP
[72] HIGASA, MASASHI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-03-03
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[87] (WO2016/035875)
[30] JP (2014-181320) 2014-09-05

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **RESISTIVITY LOGGING TOOLS WITH TILTED FERRITE ELEMENTS FOR AZIMUTHAL SENSITIVITY**
[54] **OUTILS DE DIAGRAPHIE DE RESISTIVITE AVEC ELEMENTS DE FERRITE INCLINES POUR SENSIBILITE AZIMUTALE**
[72] WU, HSU-HSIANG, US
[72] BESTE, RANDY, US
[72] HENSARLING, JESSE K., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-03
[86] 2014-11-13 (PCT/US2014/065443)
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[51] **Int.Cl. H01R 13/514 (2006.01) H01R 24/64 (2011.01) H01R 4/24 (2006.01) H01R 13/506 (2006.01)**
[25] EN
[54] **COUPLER CONNECTOR AND CABLE TERMINATOR WITH END CONTACTS**
[54] **CONNECTEUR DE COUPLAGE ET TERMINAISON DE CABLE A CONTACTS D'EXTREMITE**
[72] FONTAINE, MARC, CA
[72] PLAMONDON, JEAN-SEBASTIEN, CA
[72] SIEV, VIRAK, CA
[72] DESROCHERS, ALAIN, CA
[72] MILETTE, LUC, CA
[72] BEAUREGARD, FRANCOIS, CA
[71] BELDEN CANADA INC., CA
[85] 2017-03-03
[86] 2015-09-04 (PCT/CA2015/050848)
[87] (WO2016/033692)
[30] US (62/045,656) 2014-09-04

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[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/437 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **ENANTIOMERS OF THE 1',6'-ISOMER OF NEPLANOCIN A**
[54] **ENANTIOMERES DE L' 1',6'-ISOMERE DE LA NEPLANOCINE A**
[72] SCHNELLER, STEWART W., US
[72] LIU, CHONG, US
[72] CHEN, QI, US
[72] YE, WEI, US
[71] AUBURN UNIVERSITY, US
[85] 2017-03-03
[86] 2015-08-04 (PCT/US2015/043617)
[87] (WO2016/022563)
[30] US (62/032,926) 2014-08-04
[30] US (62/160,726) 2015-05-13

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[13] A1
[51] **Int.Cl. H01M 10/6557 (2014.01)**
[25] EN
[54] **EXPANDABLE STACKED PLATE HEAT EXCHANGER FOR A BATTERY UNIT**
[54] **ECHANGEUR DE CHALEUR A PLAQUES EMPILEES EXPANSIBLES POUR UN ENSEMBLE BATTERIE**
[72] ABELS, KENNETH M. A., CA
[72] MARTIN, MICHAEL A., CA
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[54] **PROCEDE DE PRODUCTION DE PARTICULES POLYMERES RETICULEES DE POLYVINYLAMINE**
[72] HONDA, GO, JP
[71] HYMO CORPORATION, JP
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[54] **ISOLEMENT D'EXOSOMES**
[72] TARNOPOLSKY, MARK, CA
[72] SAFDAR, ADEEL, CA
[71] EXERKINE CORPORATION, CA
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[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **COMPOSITION THERMOPLASTIQUE APPLIQUEE A CHAUD, A HAUTE TENEUR EN POLYAMIDE**
[72] GREER, ROBERT W., US
[72] HENDERSON, DERRON, US
[72] WILKINS, VINCE, US
[71] FLINT TRADING, INC., US
[71] GREER, ROBERT W., US
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[54] **METHODS OF PRODUCING AND USING EXERSOMES AND BIOENGINEERED EXERSOMES**
[54] **PROCEDES DE PRODUCTION ET D'UTILISATION D'EXOSOMES, ET EXOSOMES BIOLOGIQUEMENT MODIFIES**
[72] TARNOPOLSKY, MARK, CA
[72] SAFDAR, ADEEL, CA
[71] EXERKINE CORPORATION, CA
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[54] **APPAREIL D'ANODE**
[72] REED, SUSAN M., US
[72] STEINER, WILLIAM, US
[72] ARTMAN, GLENN, US
[72] LASALLE, JERRY, US
[71] ALCOA USA CORP., US
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[54] **RACLOIR A DOUBLE LAME AVEC UNE TETE DE RETENUE DE LAME ROTATIVE**
[72] MAGNANI, MARIO E., US
[72] FARLAND, RICHARD M., US
[72] TALBOT, COREY, US
[71] HYDE TOOLS, INC., US
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[54] **PROCEDE DE PRODUCTION DE CHLOROTRIFLUOROETHYLENE**
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[72] TUNG, HSUEH SUNG, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **PROCEDES ET APPAREIL DE SUPPRESSION DE BRUIT**
[72] REARICK, TODD, US
[72] CHARVAT, GREGORY L., US
[72] ROSEN, MATTHEW SCOT, US
[72] ROTHBERG, JONATHAN M., US
[71] HYPERFINE RESEARCH, INC., US
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[54] **CAPTEUR DE CHARNIERE POUR BARRIERE**
[72] RICKS, SEAN, US
[72] WARREN, JEREMY B., US
[71] VIVINT, INC, US
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[54] **INHIBITEURS DE LA DEMETHYLASE 1 SPECIFIQUE DE LA LYSINE**
[72] CHEN, YOUNG K., US
[72] KANOUNI, TOUFIKE, US
[72] STAFFORD, JEFFREY ALAN, US
[72] VEAL, JAMES MARVIN, US
[71] CELGENE QUANTICEL RESEARCH, INC., US
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[54] **PROCEDES ET APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE A CHAMP FAIBLE**
[72] ROTHBERG, JONATHAN M., US
[72] ROSEN, MATTHEW SCOT, US
[72] CHARVAT, GREGORY L., US
[72] MILESKI, WILLIAM J., US
[72] REARICK, TODD, US
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[71] HYPERFINE RESEARCH, INC., US
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[54] **CONFIGURATION AUTOMATIQUE D'UN SYSTEME D'IMAGERIE A RESONANCE MAGNETIQUE A FAIBLE CHAMP**
[72] ROTHBERG, JONATHAN M., US
[72] JORDAN, JEREMY CHRISTOPHER, US
[72] POOLE, MICHAEL STEPHEN, US
[72] SACOLICK, LAURA, US
[72] REARICK, TODD, US
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[71] HYPERFINE RESEARCH, INC., US
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[54] **PROCEDES DE DETECTION D'OLIGOMERES BETA-AMYLOIDES**
[72] CLIFF, RICHARD O., US
[72] FLOWER, ROBERT W., US
[72] MATVEEVA, EVGENIA G., US
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[54] **AUGMENTATION FERROMAGNETIQUE POUR IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] POOLE, MICHAEL STEPHEN, US
[72] REARICK, TODD, US
[72] ROTHBERG, JONATHAN M., US
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[54] **METHOD AND APPARATUS FOR PROVIDING A NEAR FIELD, FULL DUPLEX DATA LINK INTENDED FOR USE IN STATIC AND DYNAMIC RESONANT INDUCTION WIRELESS CHARGING**
[54] **METHODE ET APPAREIL SERVANT A FOURNIR UN LIEN DE DONNEES PLEIN DUPLEX EN CHAMP PROCHE DESTINE A UNE UTILISATION DANS LE CHARGEMENT SANS FIL PAR INDUCTION RESONANTE STATIQUE OU DYNAMIQUE**
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[72] DAGA, ANDREW W., US
[71] MOMENTUM DYNAMICS CORPORATION, US
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[54] **SYSTEMES GASTRIQUES, APPAREIL ET PROCEDES ASSOCIES DESTINES A ETRE UTILISES AVEC UNE ALIMENTATION ENTERALE**
[72] NORDQUIST, JEFFREY S., US
[72] MCVEY, ROBERT D., US
[72] KLODD, ELIZABETH J., US
[72] NEWLAND, JON W., US
[72] KOELPER, CRYSTAL E., US
[72] LAZAR, JILL F., US
[72] SEELER, RENEE M., US
[72] ROGERS, KARIN A., US
[72] MARAONE, STEVEN M., US
[71] CORPAK MEDSYSTEMS, INC., US
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[54] **PROCEDES ET APPAREIL DE GESTION THERMIQUE**
[72] MCNULTY, CHRISTOPHER THOMAS, US
[72] POOLE, MICHAEL STEPHEN, US
[72] CHARVAT, GREGORY L., US
[72] ROSEN, MATTHEW SCOT, US
[72] ROTHBERG, JONATHAN M., US
[71] HYPERFINE RESEARCH, INC., US
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[54] **SPILL-PREVENTING SNACK CONTAINER AND DISPENSER**
[54] **RECIPIENT ET DISTRIBUTEUR DE COLLATIONS A PREVENTION DE DISPERSION**
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[72] CIVETTINI, ROBERT JAMES, US
[72] ROSENWINKEL, DONALD ALFRED, US
[71] BIG MONSTER TOYS LLC, US
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[54] **COMMUTATION VERTICALE DANS UN SYSTEME DE TRANSPORT A RAILS DE GUIDAGE A SUSTENTATION MAGNETIQUE**
[72] WAMBLE, JOHN LEE, III, US
[72] COLE, JOHN, US
[71] SKYTRAN INC., US
[71] SKYTRAN INC., US
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[72] KROL, AGATA, US
[71] URBAN ENGINES, INC., US
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[54] **ENSEMBLE BARRIERE-FILET**
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[72] CHAN, SUNG YUN, US
[72] FANG, RUTH HSIN-JU, US
[72] TRUMBO, NICHOLAS, US
[71] MUNCHKIN, INC., US
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[54] **THERAPIE GENIQUE GLOBALE DESTINEE A TRAITER LES HEMOGLOBINOPATHIES**
[72] SADELAIN, MICHAEL, US
[72] RIVIERE, ISABELLE, US
[72] MANSILLA-SOTO, JORGE, US
[72] WANG, XIUYANO, US
[72] STAMATOYANNOPOULOS, GEORGE, US
[72] STAMATOYANNOPOULOS, JOHN, US
[72] LIU, MINGDONG, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] UNIVERSITY OF WASHINGTON, US
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[54] **METHODES ET COMPOSITIONS BIOCOMPATIBLES POUR OBTENIR UNE LIBERATION PROLONGEE DE MEDICAMENT DANS L'□IL**
[72] BARMAN, SHIKHA P., US
[72] LIU, MOLI, US
[72] BARMAN, KOUSHIK, US
[72] WARD, KEVIN L., US
[72] HACKETT, BRENDAN, US
[71] INTEGRAL BIOSYSTEMS LLC, US
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[54] **CONTROLE D'ACCES AU SUPPORT DANS LA LTE-U**
[72] CAI, ZHIJUN, US
[72] VUTUKURI, ESWAR, GB
[72] SUZUKI, TAKASHI, JP
[72] ANDERSON, NICHOLAS WILLIAM, GB
[71] BLACKBERRY LIMITED, CA
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[54] **PROCEDE DE CHELATION PUR**
[72] BARKER, CHARLES LOUIS ALBARTUS, US
[72] ZEGAR, SIEAD, US
[72] WACHHOLDER, KURT L., US
[71] C LAB PHARMA INTERNATIONAL, S.A., VG
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[54] **SYSTEME ET PROCEDE D'ACTIVATION POUR DISPOSITIFS MEDICAUX SUR LE CORPS**
[72] HWANG, CHARLES GEORGE, US
[72] GYORY, RICHARD J., US
[72] GORDON, JOSEPH, US
[72] FOCHT, KENNETH, US
[72] TORGOVITSKY, STANISLAV, US
[72] LONGANECKER, STACEY J., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **CELLULES SOUCHES MESENCHYMATEUSES POUR LE TRAITEMENT D'UNE INFLAMMATION BUCCALE**
[72] ARZI, BOAZ, US
[72] BORJESSON, DORI L., US
[72] VERSTRAETE, FRANK J.M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **TRAITEMENT DE FORMATIONS SOUTERRAINES A L'AIDE DE RESINES AUTOREPARATRICES**
[72] SALLA, RAJENDER, IN
[72] SHROFF RAMA, MALLIKARJUNA, IN
[72] PRAVESH, JAG, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SUBSTITUTED CYCLOHEXYLAMINE COMPOUNDS**
[54] **COMPOSES DE CYCLOHEXYLAMINE SUBSTITUES**
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MITCHELL, LORNA HELEN, US
[72] MUNCHHOF, MICHAEL JOHN, US
[71] EPIZYME, INC., US
[71] EPIZYME, INC., US
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[54] **HEAT SINK ASSEMBLY AND METHOD OF UTILIZING A HEAT SINK ASSEMBLY**
[54] **ENSEMBLE DISSIPATEUR THERMIQUE ET PROCEDE D'UTILISATION D'UN ENSEMBLE DISSIPATEUR THERMIQUE**
[72] PARK, JOONYOUNG, US
[72] LEE, HAEJOO, KR
[72] PARK, JIHYUN, US
[72] LEE, KIYOUNG, KR
[72] LEE, JUNSEO, KR
[71] OPENTV, INC., US
[85] 2017-03-03
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[87] (WO2016/040486)
[30] US (14/482,533) 2014-09-10

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[54] **SUBSTITUTED PYRROLIDINE COMPOUNDS**
[54] **COMPOSES PYRROLIDINES SUBSTITUES**
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MITCHELL, LORNA HELEN, US
[72] MUNCHHOF, MICHAEL JOHN, US
[72] HARVEY, DARREN MARTIN, US
[71] EPIZYME, INC., US
[85] 2017-03-03
[86] 2015-09-09 (PCT/US2015/049219)
[87] (WO2016/040504)
[30] US (62/048,757) 2014-09-10
[30] US (62/146,808) 2015-04-13

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[51] **Int.Cl. A01N 43/80 (2006.01)**
[25] EN
[54] **ISOXAZOLE CARBOXAMIDE COMPOUNDS**
[54] **COMPOSES CARBOXAMIDES ISOXAZOLES**
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MILLS, JAMES EDWARD JOHN, GB
[72] MITCHELL, LORNA HELEN, US
[72] MUNCHHOF, MICHAEL JOHN, US
[72] HARVEY, DARREN MARTIN, US
[71] EPIZYME, INC., US
[85] 2017-03-03
[86] 2015-09-09 (PCT/US2015/049213)
[87] (WO2016/040498)
[30] US (62/048,759) 2014-09-10
[30] US (62/146,794) 2015-04-13

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[25] EN
[54] **SMYD INHIBITORS**
[54] **INHIBITEURS DE SMYD**
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MILLS, JAMES EDWARD JOHN, GB
[72] MITCHELL, LORNA HELEN, US
[72] MUNCHHOF, MICHAEL JOHN, US
[72] HARVEY, DARREN MARTIN, US
[71] EPIZYME, INC., US
[85] 2017-03-03
[86] 2015-09-09 (PCT/US2015/049221)
[87] (WO2016/040505)
[30] US (62/048,773) 2014-09-10
[30] US (62/146,799) 2015-04-13

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[25] EN
[54] **BRAKE FORCE SENSOR ARRANGEMENT FOR A BRAKE UNIT**
[54] **AGENCEMENT DE CAPTEUR DE FORCE DE FREINAGE POUR UN BLOC FREINS**
[72] FINCH, GLYN A., JR., US
[72] KOON, MARIA, US
[72] MATHERN, PETER D., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2017-03-03
[86] 2015-09-10 (PCT/US2015/049330)
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[30] US (14/486,157) 2014-09-15

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[51] **Int.Cl. A01N 55/02 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRROLIDINE CARBOXAMIDE COMPOUNDS**
[54] **COMPOSES DE PYRROLIDINE CARBOXAMIDE SUBSTITUES**
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MITCHELL, LORNA HELEN, US
[72] MUNCHHOF, MICHAEL JOHN, US
[72] HARVEY, DARREN MARTIN, US
[71] EPIZYME, INC., US
[85] 2017-03-03
[86] 2015-09-09 (PCT/US2015/049225)
[87] (WO2016/040508)
[30] US (62/048,763) 2014-09-10
[30] US (62/146,804) 2015-04-13

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[54] **INJECTOR APPARATUS**
[54] **APPAREIL D'INJECTEUR**
[72] NAZZARO, MARTIN, US
[72] YORK, JOSH, US
[72] LEBLANC, RON, US
[71] PSIVIDA US, INC., US
[85] 2017-03-03
[86] 2015-09-10 (PCT/US2015/049389)
[87] (WO2016/040605)
[30] US (62/048,902) 2014-09-11

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[51] **Int.Cl. A01N 43/80 (2006.01)**
[25] EN
[54] **ISOXAZOLE CARBOXAMIDES AS IRREVERSIBLE SMYD INHIBITORS**
[54] **CARBOXAMIDES D'ISOXAZOLE UTILISES EN TANT QU'INHIBITEURS IRREVERSIBLES DE SMYD**
[72] CHESWORTH, RICHARD, US
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MITCHELL, LORNA HELEN, US
[72] PETTER, RUSSELL C., US
[72] SCHWARTZ, CARL ERIC, US
[71] EPIZYME, INC., US
[85] 2017-03-03
[86] 2015-09-09 (PCT/US2015/049231)
[87] (WO2016/040511)
[30] US (62/048,760) 2014-09-10

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[25] EN
[54] **SUBSTITUTED PIPERIDINE COMPOUNDS**
[54] **COMPOSES PIPERIDINES SUBSTITUES**
[72] MITCHELL, LORNA HELEN, US
[72] BELL, ANDREW SIMON, GB
[72] CHESWORTH, RICHARD, US
[72] FOLEY, MEGAN ALENE CLOONAN, US
[72] KUNTZ, KEVIN WAYNE, US
[72] MILLS, JAMES EDWARD JOHN, GB
[72] MUNCHHOF, MICHAEL JOHN, US
[71] EPIZYME, INC., US
[85] 2017-03-03
[86] 2015-09-09 (PCT/US2015/049235)
[87] (WO2016/040515)
[30] US (62/048,771) 2014-09-10
[30] US (62/078,845) 2014-11-12
[30] US (62/146,790) 2015-04-13

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[25] EN
[54] **POROUS AIR PERMEABLE POLYTETRAFLUOROETHYLENE COMPOSITES WITH IMPROVED MECHANICAL AND THERMAL PROPERTIES**
[54] **COMPOSITES DE POLYTETRAFLUOROETHYLENE POREUX PERMEABLES A L'AIR PRESENTANT DES PROPRIETES MECANIQUES ET THERMIQUES AMELIOREES**
[72] DUTTA, ANIT, US
[72] NACHBAR, LESLIE S., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2017-03-03
[86] 2015-09-10 (PCT/US2015/049426)
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[30] US (14/484,392) 2014-09-12

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[25] EN
[54] **MACROPINOCYTOSING HUMAN ANTI-CD46 ANTIBODIES AND TARGETED CANCER THERAPEUTICS**
[54] **ANTICORPS ANTI-CD46 HUMAINS FORMANT DES MACROPINOSOMES ET AGENTS THERAPEUTIQUES ANTI-CANCEREUX CIBLES**
[72] LIU, BIN, US
[72] SU, YANG, US
[72] BIDLINGMAIER, SCOTT, US
[72] BEHRENS, CHRISTOPHER R., US
[72] LEE, NAMKYUNG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-03-03
[86] 2015-09-10 (PCT/US2015/049492)
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[54] **CONFIGURABLE ONLINE 3D CATALOG**
[54] **CATALOGUE 3D EN LIGNE CONFIGURABLE**
[72] SESTI, SETTIMIO MICHAEL, US
[72] HURWITZ, SEAN, US
[71] ONU, LLC, US
[85] 2017-03-03
[86] 2015-09-11 (PCT/US2015/049643)
[87] (WO2016/040777)
[30] US (14/484,920) 2014-09-12

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[51] **Int.Cl. A61M 5/315 (2006.01) A61M 99/00 (2012.01) A61M 5/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CAPTURING DOSE INFORMATION**
[54] **SYSTEME ET PROCEDE DE CAPTURE D'INFORMATIONS DE DOSE**
[72] SEARLE, GARY, US
[72] BURKE, ANDREW, US
[72] GIANELIS, STEPHEN, US
[72] FOCHT, KENNETH, US
[72] COSTELLO, PETER, US
[72] SIWINSKI, SHANE, US
[72] ROSS, FRANCIS L., III, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-03-03
[86] 2015-09-14 (PCT/US2015/050014)
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[30] US (14/485,749) 2014-09-14

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[51] **Int.Cl. A61K 31/52 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **INJECTABLE FORMULATIONS FOR TREATING CANCER**
[54] **FORMULATIONS INJECTABLES PERMETTANT DE TRAITER LE CANCER**
[72] OLHAVA, EDWARD JAMES, US
[72] DOVLETOGLOU, ANGELOS, US
[72] WALD, STEVE, US
[72] REHLAENDER, BRUCE, US
[71] EPIZYME, INC., US
[85] 2017-03-03
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[25] EN
[54] **BLOOD SAMPLING SYSTEM FOR IMPROVING DRAW SUCCESS AND REDUCING HEMOLYSIS**
[54] **SYSTEME DE PRELEVEMENT SANGUIN PERMETTANT D'AMELIORER LA REUSSITE DU PRELEVEMENT ET DE REDUIRE L'HEMOLYSE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] MCKINNON, AUSTIN JASON, US
[72] ADAMS, CHAD M., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-03-03
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[51] **Int.Cl. F24F 13/06 (2006.01) F24F 11/047 (2006.01)**
[25] EN
[54] **DIFFUSER MODULE**
[54] **MODULE DE DIFFUSEUR**
[72] HARRIS, KEVIN, AU
[72] BADENHORST, SEAN, AU
[71] FUSION HVAC PTY LIMITED, AU
[85] 2017-03-06
[86] 2015-09-08 (PCT/AU2015/000551)
[87] (WO2016/037217)
[30] AU (2014903568) 2014-09-08

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[51] **Int.Cl. A61N 1/04 (2006.01)**
[25] EN
[54] **A WOUND CARE BANDAGE AND METHOD OF WOUND HEALING**
[54] **PANSEMENT POUR PARAGE DES PLAIES, ET PROCEDE DE CICATRISATION**
[72] BACON, WAYNE, US
[72] GELLMAN, GREGG, US
[71] ENERMED, LLC, US
[85] 2017-03-03
[86] 2015-09-15 (PCT/US2015/050287)
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[30] US (62/050,795) 2014-09-16

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[51] **Int.Cl. C07F 7/12 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED SILANES AND ELECTROLYTE COMPOSITIONS AND ELECTROCHEMICAL DEVICES CONTAINING THEM**
[54] **SILANES FONCTIONNALISES ET COMPOSITIONS D'ELECTROLYTES ET DISPOSITIFS ELECTROCHIMIQUES LES CONTENANT**
[72] PENA HUESO, JOSE, ADRIAN, US
[72] OSMALOV, DAVID, US
[72] DONG, JIAN, US
[72] USREY, MONICA, US
[72] POLLINA, MICHAEL, US
[72] DU, PENG, US
[72] ZHOU, LIU, US
[72] JOHNSON, TOBIAS, US
[72] GILBERT, DEBORAH, US
[72] WEST, ROBERT, US
[71] SILATRONIX, INC., US
[85] 2017-03-03
[86] 2015-10-05 (PCT/US2015/053930)
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[51] **Int.Cl. A62C 35/60 (2006.01) A62C 35/68 (2006.01) A62C 37/00 (2006.01)**
[25] EN
[54] **A FIRE SUPPRESSION SYSTEM**
[54] **SYSTEME D'EXTINCTION D'INCENDIE**
[72] MELTON, DAVID LAURENCE, GB
[71] FIRETRACE USA, LLC, US
[85] 2017-03-03
[86] 2015-10-07 (PCT/US2015/054392)
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[30] GB (1418505.2) 2014-10-17

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[51] **Int.Cl. G09B 5/08 (2006.01) H04W 4/00 (2009.01) G09B 5/10 (2006.01) G09B 5/12 (2006.01) G09B 5/14 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTE LEARNING**
[54] **SYSTEMES ET PROCEDES D'APPRENTISSAGE A DISTANCE**
[72] ZIMMER, BENJAMIN JEREMY, CA
[72] CIUBOTARIU, OCTAVIAN, CA
[71] ENABLE TRAINING AND CONSULTING, INC., CA
[85] 2017-03-06
[86] 2014-09-24 (PCT/CA2014/000707)
[87] (WO2015/042688)
[30] US (61/881,476) 2013-09-24

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[51] **Int.Cl. H04L 7/00 (2006.01) G04G 7/00 (2006.01)**
[25] EN
[54] **CLOCK SYNCHRONIZATION OVER REDUNDANT NETWORKS**
[54] **SYNCHRONISATION D'HORLOGES SUR DES RESEAUX REDONDANTS**
[72] GALEA, MICHAEL, CA
[72] PUSTYLNIK, MICHAEL, CA
[72] ABDUL, AMIN, CA
[71] SIEMENS CANADA LIMITED, CA
[85] 2017-03-06
[86] 2014-09-12 (PCT/CA2014/050866)
[87] (WO2016/037259)

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[51] **Int.Cl. B32B 37/00 (2006.01) B42D 25/23 (2014.01) B42D 25/24 (2014.01) B42D 25/455 (2014.01) B42D 25/46 (2014.01) B32B 3/30 (2006.01) B32B 27/28 (2006.01) B32B 38/14 (2006.01)**
[25] EN
[54] **METHOD FOR LAMINATING A PROTECTIVE LAYER OVER A PRINTED THERMOPLASTIC SUBSTRATE AND SECURITY DOCUMENT MADE THEREFROM**
[54] **PROCEDE POUR LA STRATIFICATION D'UNE COUCHE DE PROTECTION SUR UN SUBSTRAT THERMOPLASTIQUE IMPRIME ET DOCUMENT DE SECURITE REALISE A PARTIR DE CELUI-CI**
[72] CRUIKSHANK, DAVID N.C., CA
[72] O'GORMAN, LARRY, CA
[72] CONNELLY, SEAN, CA
[72] THURAILINGAM, THIVAHARAN, CA
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA
[85] 2017-03-06
[86] 2014-09-30 (PCT/CA2014/050937)
[87] (WO2016/037260)
[30] US (14/484,259) 2014-09-12

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[51] **Int.Cl. A47C 7/14 (2006.01) A47C 3/20 (2006.01)**
[25] EN
[54] **CHAIR**
[54] **CHAISE**
[72] CASSADAY, TERRY, CA
[71] CASSADAY, TERRY, CA
[85] 2017-03-06
[86] 2015-08-13 (PCT/CA2015/050771)
[87] (WO2016/023128)
[30] US (62/036,805) 2014-08-13
[30] US (62/066,440) 2014-10-21

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[51] **Int.Cl. H03K 17/96 (2006.01) G06F 3/044 (2006.01) H05K 1/16 (2006.01)**
[25] EN
[54] **CAPACITIVE TOUCH SENSOR**
[54] **CAPTEUR TACTILE CAPACITIF**
[72] KYOWSKI, TIMOTHY HERBERT, CA
[72] HUANG, LI, CA
[72] PEGG, ALBERT MURRAY, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-03-06
[86] 2015-09-04 (PCT/CA2015/050851)
[87] (WO2016/037268)
[30] US (14/479,609) 2014-09-08

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[13] A1
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/74 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **MODULAR PROXIMAL FEMORAL OSTEOTOMY BLADE-PLATE ASSEMBLY AND RELATED FIXATION METHOD**
[54] **ENSEMBLE PLAQUE-LAME D'OSTEOTOMIE FEMORALE PROXIMALE MODULAIRE ET METHODE DE FIXATION ASSOCIEE**
[72] ORSAK, JAMES, US
[72] STANDARD, SHAWN, US
[72] RAYES, FADY, CA
[72] DUJOVNE, ARIEL, CA
[71] PEGA MEDICAL INC., CA
[85] 2017-03-06
[86] 2015-09-08 (PCT/CA2015/050863)
[87] (WO2016/037272)
[30] US (14/480,077) 2014-09-08

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01)**
[25] EN
[54] **PLATE WITH INTEGRAL FLUID PATH CHANNELS**
[54] **PLAQUE AYANT DES CANAUX DE TRAJET DE FLUIDE D'UNE SEULE PIECE**
[72] PIZZOCHERO, ALESSANDRO EGIDIO, US
[72] GYORY, J. RICHARD, US
[72] BIEHLER, JOSEPH, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-03-03
[86] 2015-09-21 (PCT/US2015/051188)
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[51] **Int.Cl. D21C 5/02 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECYCLING BALED WASTE MATERIAL**
[54] **PROCEDE DE RECYCLAGE DE DECHETS MIS EN BALLES**
[72] HENRIKSSON, DAVID CHRISTER, US
[72] WINKLER, WAYNE FREDERICK, US
[72] LUCAS, BRADLEY E., US
[71] GEORGIA-PACIFIC CONTAINERBOARD LLC, US
[85] 2017-03-03
[86] 2015-09-22 (PCT/US2015/051459)
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[30] US (62/054,707) 2014-09-24

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[25] EN
[54] **MEAT CRISPS AND PROCESSES FOR PRODUCING SAME**
[54] **CHIPS DE VIANDE ET PROCEDES POUR LES PRODUIRE**
[72] ROSALES, ALBA YESENIA, US
[72] DELATORRE, JOSE ALFREDO, US
[72] MATTESON, TRACY RENE, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-03-03
[86] 2015-09-24 (PCT/US2015/051908)
[87] (WO2016/049295)
[30] US (62/054,708) 2014-09-24

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[51] **Int.Cl. H04W 12/04 (2009.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **REMOTE SERVER ENCRYPTED DATA PROVISIONING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE FOURNITURE DE DONNEES CHIFFREES D'UN SERVEUR A DISTANCE**
[72] GUGLANI, ABHISHEK, US
[72] SHARMA, SANJEEV, US
[72] CHITALIA, JALPESH, US
[72] DESTREMPS, GERALD, US
[72] MARDIKAR, UPENDRA, US
[72] XU, MINGHUA, US
[72] TREVINO, JOSE LUIS RIOS, US
[72] SINGH, BRIJENDRA, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-03-03
[86] 2015-09-28 (PCT/US2015/052667)
[87] (WO2016/049636)
[30] US (62/056,401) 2014-09-26
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[51] **Int.Cl. B42D 1/04 (2006.01)**
[25] EN
[54] **REWRITABLE TABLET BOOK AND METHOD OF USE**
[54] **LIVRE-TABLETTE A ECRITURE EFFACABLE ET SON PROCEDE D'UTILISATION**
[72] SHALOM, GABRIEL, DE
[72] KOMMERELL, PATRIZIA, DE
[72] COUSINS, JAY, DE
[71] BETABOOK LLC, US
[85] 2017-03-03
[86] 2015-10-02 (PCT/US2015/053627)
[87] (WO2016/054461)
[30] US (62/059,227) 2014-10-03

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[13] A1
[51] **Int.Cl. F03G 7/00 (2006.01) F03G 7/04 (2006.01)**
[25] EN
[54] **ELECTRICITY GENERATION PROCESS**
[54] **PROCEDE DE GENERATION D'ELECTRICITE**
[72] NISSEN, STEEN SONDERGAARD, US
[72] CLAUSEN, JORGEN MADS, DK
[71] APPLIED BIOMIMETIC A/S, DK
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[86] 2015-09-08 (PCT/EP2015/070431)
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[30] GB (1415847.1) 2014-09-08
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[54] **ORGANOSILICON-CONTAINING ELECTROLYTE COMPOSITIONS HAVING ENHANCED ELECTROCHEMICAL AND THERMAL STABILITY**
[54] **COMPOSITIONS D'ELECTROLYTE CONTENANT UN ORGANOSILICIUM A STABILITE ELECTROCHIMIQUE ET THERMIQUE AMELIOREE**
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[72] POLLINA, MICHAEL, US
[72] USREY, MONICA, US
[72] GILBERT, DEBORAH, US
[72] ZHOU, LIU, US
[72] JOHNSON, TOBIAS, US
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[54] **MOTEURS A COMBUSTION INTERNE**
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[71] COX POWERTRAIN LTD, GB
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[54] **MICROBIAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS MICROBIENNES ET PROCEDES ASSOCIES**
[72] BYWATER-EKEGARD, MARGARET, CA
[72] FITZSIMMONS, ANANDA, CA
[71] INOCUCOR TECHNOLOGIES, INC., CA
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[54] **PAIRING OF A MEDICAL APPARATUS WITH A CONTROL UNIT**
[54] **APPARIEMENT D'UN APPAREIL MEDICAL AVEC UNE UNITE DE COMMANDE**
[72] HECK, WOLFGANG, DE
[72] SCHWENKER, KAI-OLIVER, DE
[72] SCHMITZ, RALF, DE
[72] ZEUNER, VOLKER, DE
[72] MUEGLITZ, CARSTEN, DE
[72] EISSENLOEFFEL, THOMAS, DE
[72] LUSZICK, CHRISTIAN-ALEXANDER, DE
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[54] **DISPOSITIF D'HUMIDIFICATION**
[72] OSADA, YASUO, JP
[72] NITTA, KAZUFUKU, JP
[72] NITTA, DAN, JP
[72] TOMOZAWA, SATOSHI, JP
[71] METRAN CO., LTD., JP
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[54] **FLEXIBLE RECHARGEABLE IMPLANTABLE SUBCUTANEOUS MEDICAL DEVICE STRUCTURE AND METHOD OF ASSEMBLY**
[54] **STRUCTURE DE DISPOSITIF MEDICAL SOUS-CUTANE IMPLANTABLE, RECHARGEABLE ET FLEXIBLE ET PROCEDE D'ASSEMBLAGE**
[72] KELLEY, JAMES, US
[72] AMIR, JACK, IL
[72] MOCHA, MOTY, IL
[72] STROMMER, GERA, IL
[72] BRODER, AVRAHAM, IL
[72] FISHEL, ROBERT, US
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[54] **SUTURE TRANS-OSSEUSE REMBOURREE**
[72] HARARI, BOAZ, IL
[72] SHOLEV, MORDEHAI, IL
[72] RAZ, RONEN, IL
[72] MOUSAIUF, ARNON, IL
[72] ROSNER, DROR, IL
[72] MRAZ, PAUL, US
[71] MININVASIVE LTD., IL
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[54] **CODON-OPTIMIZED RECOMBINANT PLASMID, METHOD OF STIMULATING PERIPHERAL NERVE REGENERATION, AND METHOD OF TREATING NERVE DAMAGE IN HUMANS**
[54] **PLASMIDE RECOMBINANT A CODON OPTIMISE, PROCEDE DE STIMULATION DE REGENERATION D'UN NERF PERIPHERIQUE, PROCEDE DE TRAITEMENT D'UN NERF ENDOMMAGE D'UNE PERSONNE**
[72] ISAEV, ARTUR ALEKSANDROVICH, RU
[72] RIZVANOV, ALBERT ANATOLYEVICH, RU
[72] MASGUTOV, RUSLAN FARIDOVICH, RU
[72] BOGOV, ALEKSEI ANDREEVICH, RU
[72] SALAFUTDINOV, ILNUR ILDUSOVICH, RU
[72] DEEV, ROMAN VADIMOVICH, RU
[72] BOZO, ILYA YADIGEROVICH, RU
[72] PLAKSA, IGOR LEONIDOVICH, RU
[72] BOGOV, ANDREI ALEKSEEVICH, RU
[71] COMPANY LIMITED "NEXTGEN", RU
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[54] **BONE DRILL GUIDES AND METHODS OF USE THEREOF**
[54] **GUIDES DE FORAGE D'OS ET LEURS PROCEDES D'UTILISATION**
[72] RUSSELL, THOMAS A., US
[72] GLOVER, TODD A., US
[71] INNOVISION, INC., US
[71] RUSSELL, THOMAS A., US
[71] GLOVER, TODD A., US
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[54] **SACCHARIDES AND SACCHARIDE COMPOSITIONS AND MIXTURES**
[54] **SACCHARIDES, COMPOSITIONS ET MELANGES DE SACCHARIDES**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
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[54] **METHODS AND SYSTEMS FOR COMMUNICATION BETWEEN A FUEL DISPENSER AND A MOBILE DEVICE**
[54] **PROCEDES ET SYSTEMES DE COMMUNICATION ENTRE UN DISTRIBUTEUR DE CARBURANT ET UN DISPOSITIF MOBILE**
[72] MORRIS, JOHN JOSEPH, US
[72] TANG, WEIMING, US
[71] WAYNE FUELING SYSTEMS LLC, US
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[54] **A STERILISATION CONTAINER, METHOD OF STERILISATION AND STERILISATION APPARATUS**
[54] **RECIPIENT DE STERILISATION, PROCEDE DE STERILISATION ET APPAREIL DE STERILISATION**
[72] KEMP, TERRY DEAN, AU
[72] DOWMAN, ALAN REG, NZ
[71] MERCER TECHNOLOGIES LIMITED, NZ
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[54] **SYSTEMS AND METHODS FOR FLUID DELIVERY IN SEAT SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE FLUIDE DANS DES SYSTEMES DE SIEGE**
[72] JAMELE, DANIEL ROBERT, US
[72] KAWAKAMI, TAKAYOSHI, US
[72] RYLE, JORDAN WOLF, US
[72] BODA, RYAN ADAM, US
[71] MEDIAMATION, INC., US
[71] JAMELE, DANIEL ROBERT, US
[71] KAWAKAMI, TAKAYOSHI, US
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[54] **MIR-29 MIMICS AND USES THEREOF**
[54] **MIMETIQUES DE MIR-29 ET LEURS UTILISATIONS**
[72] MONTGOMERY, RUSTY L., US
[72] DALBY, CHRISTINA, US
[72] VAN ROOIJ, EVA, US
[72] GALLANT-BEHM, CORRIE, US
[71] MIRAGEN THERAPEUTICS, INC., US
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[25] EN
[54] **CRADLE FOR PROPPANT CONTAINER HAVING TAPERED BOX GUIDES**
[54] **ARCEAU POUR CONTENANT D'AGENT DE SOUTENEMENT PRESENTANT DES GUIDES DE BOITIER EFFILES**
[72] OREN, JOSHUA, US
[72] OREN, JOHN, US
[71] OREN TECHNOLOGIES, LLC, US
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[54] **CONTINUOUS FLOW CARBOXYLATION REACTION**
[54] **REACTION DE CARBOXYLATION A ECOULEMENT CONTINU**
[72] TWEEDIE, SCOTT, US
[72] VENKATRAMAN, SRIPATHY, US
[72] LIU, SHUHONG, US
[72] ZELLER, JAMES, US
[72] BROT, ELISABETH, US
[72] HAMLIN, MICHAEL, US
[72] NEWMAN, MARY, US
[72] MCLAWS, MARK, US
[72] ROSENBERG, JOHN, US
[72] LATHBURY, DAVID, US
[71] SARCODE BIOSCIENCE INC., US
[85] 2017-03-06
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[54] **VENT OPERATOR**
[54] **OPERATEUR D'EVENT**
[72] MCINNIS, JAMES, US
[72] MUIR, MALCOLM, US
[72] CRUZ, BRANDAN, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR LIVENESS ANALYSIS**
[54] **SYSTEMES ET PROCEDES POUR UNE ANALYSE DU CARACTERE VIVANT**
[72] HIRVONEN, DAVID, US
[71] EYEVERIFY INC., US
[85] 2017-03-06
[86] 2015-09-09 (PCT/US2015/049195)
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[54] **SWEETNESS ENHANCER**
[54] **EXHAUSTEUR DE SUCROSITE**
[72] LEE, THOMAS, US
[72] YEP, GREGORY, US
[71] PEPSICO, INC., US
[85] 2017-03-06
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[54] **PROVIDER EQUIPMENT GENERATION OF CUSTOMER USER INTERFACE**
[54] **GENERATION D'EQUIPEMENT DE FOURNISSEUR D'UNE INTERFACE UTILISATEUR DE CLIENT**
[72] BROWN, PETER OWEN, US
[72] DAVIS, CHERYL KARTYE, US
[72] YOSHIOKA, KARIE REIKO, US
[71] CHARTER COMMUNICATIONS OPERATING, LLC, US
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[54] **MEDICAL DEVICES WITH REDUCED THROMBOGENICITY**
[54] **DISPOSITIFS MEDICAUX A THROMBOGENICITE REDUITE**
[72] WISE, STEVEN G., AU
[72] NG, MARTIN K. C., AU
[71] HEART RESEARCH INSTITUTE LTD, AU
[85] 2017-03-07
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[54] **TARGETED ADVERTISING AND FACIAL EXTRACTION AND ANALYSIS**
[54] **PUBLICITE CIBLEE ET EXTRACTION ET ANALYSE DE VISAGE**
[72] AWAD, MAHER S., CA
[72] LAGANIERE, ROBERT, CA
[71] AWAD, MAHER S., CA
[71] LAGANIERE, ROBERT, CA
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[25] EN
[54] **APPARATUS AND METHOD USING MEASUREMENTS TAKEN WHILE DRILLING TO MAP MECHANICAL BOUNDARIES AND MECHANICAL ROCK PROPERTIES ALONG A BOREHOLE**
[54] **APPAREIL ET PROCEDE UTILISANT DES MESURES PRISES PENDANT LE FORAGE POUR CARTOGRAPHIER DES LIMITES MECANIQUES ET DES PROPRIETES MECANIQUES DE LA ROCHE LE LONG D'UN TROU DE FORAGE**
[72] NEALE, R. CHRISTOPHER, US
[72] LAKINGS, JAMES D., US
[71] FRACTURE ID, INC., US
[85] 2017-03-06
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[54] **BRULEUR A ORIFICES SUPERIEURS**
[72] AHMED, MALLIK, US
[71] W.C. BRADLEY CO., US
[85] 2017-03-06
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[25] EN
[54] **SYSTEMS, APPARATUS, AND METHODS FOR USING EYEWEAR, OR OTHER WEARABLE ITEM, TO CONFIRM THE IDENTITY OF AN INDIVIDUAL**
[54] **SYSTEMES, APPAREIL ET PROCEDES D'UTILISATION D'ARTICLE DE LUNETTERIE, OU D'UN AUTRE ARTICLE VESTIMENTAIRE, POUR CONFIRMER L'IDENTITE D'UN INDIVIDU**
[72] SALES, JAY WILLIAM, US
[72] KLOSINSKI, RICHARD CHESTER, JR., US
[72] WORKMAN, MATTHEW ALLEN, US
[72] MURPHY, MEGHAN KATHLEEN, US
[72] STEEN, MATTHEW DAVID, US
[71] VISION SERVICE PLAN, US
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[54] **ENREGISTREMENT ET LECTURE D'IMAGE STEREOSCOPIQUE**
[72] NIEMELA, MARKO, FI
[72] GRONHOLM, KIM, FI
[72] BALDWIN, ANDREW, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2017-03-07
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[54] **CAMERA DEVICES WITH A LARGE FIELD OF VIEW FOR STEREO IMAGING**
[54] **DISPOSITIFS DE CAMERAS AVEC GRAND CHAMP DE VISION POUR IMAGERIE STEREO**
[72] NIEMELA, MARKO, FI
[72] GRONHOLM, KIM, FI
[72] BALDWIN, ANDREW, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2017-03-07
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[54] **COMPUTERIZED REPLACEMENT TEMPLE FOR STANDARD EYEWEAR**
[54] **BRANCHE DE REMPLACEMENT INFORMATISEE POUR LUNETTES STANDARD**
[72] SALES, JAY WILLIAM, US
[72] KLOSINSKI, RICHARD CHESTER, JR., US
[72] WORKMAN, MATTHEW ALLEN, US
[72] MURPHY, MEGHAN KATHLEEN, US
[72] STEEN, MATTHEW DAVID, US
[71] VISION SERVICE PLAN, US
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[54] **A SENSOR DEVICE FOR PROVIDING MARINE VESSEL DATA**
[54] **DISPOSITIF CAPTEUR POUR FOURNIR DES DONNEES DE NAVIRE**
[72] PYORRE, JUSSI, FI
[72] AVIST, PYRY, FI
[71] ENIRAM OY, FI
[85] 2017-03-07
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[25] EN
[54] **DIPEPTIDYL KETOAMIDE COMPOUNDS AND THEIR USE FOR THE TREATMENT AND/OR PREVENTION OF FAT ACCUMULATION**
[54] **COMPOSES DIPEPTIDYL-CETOAMIDE ET LEUR UTILISATION POUR LE TRAITEMENT ET/OU LA PREVENTION DE L'ACCUMULATION DE GRAISSE**
[72] LLENAS CALVO, JESUS, ES
[72] ROYO EXPOSITO, MIRIAM, ES
[72] CARCELLER GONZALEZ, ELENA, ES
[72] ELEZCANO DONAIRE, UNAI, ES
[72] RODRIGUEZ ESCRICH, SERGIO, ES
[72] VAZQUEZ TATAY, ENRIQUE, ES
[71] LANDSTEINER GENMED, S.L., ES
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[25] EN
[54] **DETERMINATION OF RISK FOR DEVELOPMENT OF CARDIOVASCULAR DISEASE BY MEASURING URINARY LEVELS OF PODOCIN AND NEPHRIN MESSENGER RNA**
[54] **DETERMINATION DU RISQUE DE DEVELOPPEMENT D'UNE MALADIE CARDIOVASCULAIRE PAR MESURE DES TENEURS URINAIRES EN ARN MESSAGER DE PODOCINE ET DE NEPHRINE**
[72] BADR, KAMAL F., US
[72] EID, ASSAAD A., FR
[72] HABIB, ROBERT H., US
[71] AMERICAN UNIVERSITY OF BEIRUT, US
[71] BADR, KAMAL F., US
[71] EID, ASSAAD A., FR
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[54] **CENTRE DE COMMUNICATION DE CHANTIER**
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[72] SHITRIT, ELAD, IL
[72] SCHUL, ERAN, IL
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[71] ALLDEAL LTD., IL
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[54] **METHOD FOR PRODUCING CEREBELLAR PROGENITOR TISSUE**
[54] **PROCEDE DE PRODUCTION D'UN TISSU PROGENITEUR CEREBELLEUX**
[72] SASAI, YOSHIKI (DECEASED), JP
[72] MUGURUMA, KEIKO, JP
[71] RIKEN, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **CANCER-CELL-SPECIFIC ANTIBODY, ANTICANCER DRUG AND CANCER TESTING METHOD**
[54] **ANTICORPS SPECIFIQUE DE CELLULES CANCEREUSES, AGENT ANTICANCEREUX ET METHODE DE DETECTION DU CANCER**
[72] MATSUMURA, YASUHIRO, JP
[72] YASUNAGA, MASAHIRO, JP
[72] SAIJOU, SHINJI, JP
[72] HANAOKA, SHINGO, JP
[71] NATIONAL CANCER CENTER, JP
[71] RIN INSTITUTE INC., JP
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[54] **COOKING APPARATUS**
[54] **DISPOSITIF DE CUISSON**
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[72] JANG, HYEONG JIN, KR
[72] CHOI, KUN WOO, KR
[72] KIM, TAE HUN, KR
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[54] **SUPERCONDUCTING PHASE-SHIFT SYSTEM**
[54] **SYSTEME DE DEPHASAGE SUPRACONDUCTEUR**
[72] NAAMAN, OFER, US
[72] ABUTALEB, MOHAMED OSAMA, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **CUSHIONING DEVICE AND METHOD OF CUSHIONING A BODY**
[54] **DISPOSITIF A REMBOURRAGE ET PROCEDE DE REMBOURRAGE D'UN CORPS**
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[71] WCW, INC., US
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[54] **POLYTHERAPIES AVEC DES ANTICORPS ANTI-CD38**
[72] LOKHORST, HENK M., NL
[72] MUTIS, TUNA, NL
[72] NIJHOF, INGER S., NL
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[71] JANSSEN BIOTECH, INC., US
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[54] **IMPROVED METHOD FOR STORING AND TRANSPORTING ARCH-SHAPED STORMWATER LEACHING CHAMBERS**
[54] **METHODE AMELIOREE D'ENTREPOSAGE ET DE TRANSPORT DE CHAMBRES DE LESSIVAGE DES EAUX PLUVIALES EN FORME D'ARCHE**
[72] DUININCK, NATHAN J., US
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[54] **METHODES PERMETTANT DE MESURER LA REPONSE D'UN PATIENT A L'ADMINISTRATION D'UN MEDICAMENT ET DES COMPOSITIONS ASSOCIEES**
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[54] **DISPOSITIF DE LEVAGE D'EMBARCATION A VOIES DE ROULAGE, DOTE DE TRAVERSES AJUSTABLES**
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[54] **METHOD FOR FUSING A HUMAN OR ANIMAL JOINT AS WELL AS FUSION DEVICE AND TOOL SET FOR CARRYING OUT THE METHOD**
[54] **METHODE DE FUSION D'UNE ARTICULATION HUMAINE OU ANIMALE AINSI QU'APPAREIL DE FUSION ET ENSEMBLE D'OUTILS SERVANT A REALISER LA METHODE**
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[54] **APPAREIL, PROCEDE ET SYSTEME DE DISTILLATION DE VAPEUR D'EAU**
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[72] LANGENFELD, CHRISTOPHER C., US
[72] SMITH, STANLEY B., III, US
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[54] **PLAQUES DE PLATRE RESISTANTES AU FEU LEGERES ET DE DENSITE REDUITE**
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[54] **LIPO-CHITOOLIGOSACCHARIDE AND FLAVONOID COMBINATION FOR ENHANCED PLANT GROWTH AND YIELD**
[54] **COMBINAISON DE LIPO-CHITOOLIGOSACCHARIDE ET DE FLAVONOIDE DESTINEE A AMELIORER LA CROISSANCE ET LE RENDEMENT DE VEGETAUX**
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[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 3/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 3/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
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[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
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[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 16200 AND CODE RATE OF_5/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE_16 200 BITS ET UN TAUX DE CODE DE 5/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
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[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
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[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE_16 200 BITS ET UN TAUX DE CODE DE 4/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
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[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 16200 AND CODE RATE OF_3/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE_16 200 BITS ET UN TAUX DE CODE DE 3/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
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[54] **SEPARATEUR DYNAMIQUE**
[72] AMARANDEI, DANIEL O., US
[72] BRAYMAN, MATTHEW T., US
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[54] **COMPLEXES DE POLYELECTROLYTES**
[72] SCHEUING, DAVID R., US
[72] LESTAGE, DAVID J., US
[72] BENNETT, CARL W., US
[72] KNOCK, MONA M., US
[72] SCALES, CHARLES W., US
[72] SMITH, WILLIAM L., US
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[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TRAUTMAN, MARK, US
[72] TAYLOR, GEORGE, CA
[71] HARRIS CORPORATION, US
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[54] **DISPOSITIF ET PROCEDE DE DELIVRANCE D'AGRAFES A MEMOIRE DE FORME**
[72] SOUTORINE, MIKHAIL, AU
[72] CHERNOV-HARAEV, ARTEM NICOLAEVICH, AU
[71] ENDOGENE LIMITED, AU
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[54] **SELECTIVE DELAYED AND UNDELAYED DATABASE UPDATING**
[54] **MISE A JOUR SELECTIVE, RETARDEE OU NON, D'UNE BASE DE DONNEES**
[72] DJURDJEVIC, DEANA, CA
[72] SAMPSON, KEVIN, CA
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[71] TSX INC., CA
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[54] **CHAUFFE-EAU RESIDENTIEL A POMPE A CHALEUR**
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[72] TSAI, CRAIG LUNG-PEI, US
[72] KERN, JEFFREY ALAN, US
[72] RODRIGUEZ, ELIEL FRESCO, US
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3M INNOVATIVE PROPERTIES COMPANY 2,958,859
AB INITIO TECHNOLOGY LLC 2,959,169
AB INITIO TECHNOLOGY LLC 2,959,389
AB INITIO TECHNOLOGY LLC 2,959,392
AB INITIO TECHNOLOGY LLC 2,959,527
AB INITIO TECHNOLOGY LLC 2,959,528
AB INITIO TECHNOLOGY LLC 2,959,534
AB INITIO TECHNOLOGY LLC 2,959,627
ABB SCHWEIZ AG 2,955,908
ABBVIE STEMCENTRX LLC 2,959,705
ABDUL, AMIN 2,960,299
ABELS, KENNETH M. A. 2,960,157
ABLABUTAN, KARAPET 2,959,790
ABLYNX NV 2,952,103
ABUTALEB, MOHAMED OSAMA 2,960,483
ABZARIAN, DAVID 2,959,665
ABZARIAN, DAVID 2,959,683
ACADEMIA SINICA 2,959,522
ACCETTA, ALESSANDRO 2,952,287
ACTIVE4D, INC. 2,959,758
ADAM, BRITTANY 2,954,423
ADAMS, BRETT 2,959,967
ADAMS, CHAD M. 2,960,288
ADESA, INC. 2,960,002
ADIBHATLA, KALI SATYA BHUJANGA RAO 2,959,980
AERTS, IVES 2,959,647
AGAPIOU, KYRIACOS 2,960,010
AGRAWAL, GAURAV 2,955,934
AGROFRESH INC. 2,960,019
AGUILERA-MERCADO, BERNARDO M. 2,957,294
AHMED, MALLIK 2,960,420
AKAHATA, WATARU 2,960,102
AKVADESIGN AS 2,959,778
AL ADAWI, WALID 2,957,121
ALCOA USA CORP. 2,960,165
ALEVA NEUROTHERAPEUTICS SA 2,959,281
ALEVA NEUROTHERAPEUTICS SA 2,959,282
ALEXANDER, AMAN CHERIAN 2,959,340
ALI, MD MONSUR 2,959,978
ALIBABA GROUP HOLDING LIMITED 2,960,162
ALIBERT, MICHAEL 2,957,330
ALLDEAL LTD. 2,960,452
ALLEN, GARY ROBERT 2,959,989
ALLEN, JERRY L. 2,957,683
ALLERGAN, INC. 2,954,504
AMAZON TECHNOLOGIES, INC. 2,959,429
AMERICAN SILVER, LLC 2,959,859
AMERICAN UNIVERSITY OF BEIRUT 2,960,435
AMGEN INC 2,960,128
AMINZADEH, ARYA RYAN 2,959,340
AMIR, JACK 2,960,367
AMST-SYSTEMTECHNIK GMBH 2,956,111
ANDERSON, ERIC 2,959,998
ANDERSON, ERIC 2,960,014
ANDERSON, NICHOLAS WILLIAM 2,960,215
ANDO, TOSHIYA 2,960,003
ANDRES, PHILIPPE 2,951,969
ANIKET 2,959,807
ANQUETIN, GUILLAUME 2,952,300
AOKI, FUMIO 2,960,110
APPLIED BIOMIMETIC A/S 2,960,328
APPLIED TECHNOLOGIES ASSOCIATES, INC 2,959,861
APPLIED TECHNOLOGIES ASSOCIATES, INC. 2,959,861
APPLIED TECHNOLOGIES ASSOCIATES, INC. 2,959,868
ARATANI, MAKOTO 2,960,110
ARCHETTI, MAURIZIO 2,957,616
ARCTIC DRILLING COMPANY OY LTD 2,959,970
ARENAS-RAMIREZ, NATALIA 2,954,476
ARKEMA FRANCE 2,952,162
ARKEMA FRANCE 2,956,369
ARLUCK, JAMES LEE 2,957,284
ARMENTA, ROBERTO E. 2,959,860
ARORA, KELYN ANNE 2,959,817
ARTMAN, GLENN 2,960,165
ARZI, BOAZ 2,960,268
ASAHI, YUKA 2,960,152
ASAMI, HIROAI 2,959,798
ASDA STORES LIMITED 2,959,242
ASPEN MEDICAL PARTNERS, LLC 2,959,554
ASTERJADHI, ALFRED 2,959,815
ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP 2,957,306
ATWELL, KATHRYN 2,960,148
AUBRY, ALEXANDRA 2,952,300
AUBURN UNIVERSITY 2,960,156
AUTOMOBILI LAMBORGHINI S.P.A. 2,957,495
AVANIR PHARMACEUTICALS, INC. 2,960,031
AVE, WILLEM 2,959,547
AVERY DENNISON CORPORATION 2,956,314
AVIOQ, INC. 2,959,804
AVIST, PYRY 2,960,431
AWAD, MAHER S. 2,960,414
AWAN, ASAD K. 2,959,623
AZIENDA OSPEDALIERO-UNIVERSITARIA DI BOLOGNA POLICLINICO S. ORSOLA - MALPIGHI 2,957,495
BA-TIS, FAEZ 2,959,799
BACKMANN, MARTIN 2,959,746
BACON, WAYNE 2,960,291
BADENHORST, SEAN 2,960,290
BADR, KAMAL F. 2,960,435
BAEUERLE, PATRICK A. 2,960,128
BAKER HUGHES INCORPORATED 2,955,934
BALDWIN, ANDREW 2,960,426
BALDWIN, ANDREW 2,960,427
BALDWIN, ROBERT 2,957,281
BALINT, JOZSEF 2,952,307
BARBER, ZEB W. 2,959,059
BARBOUR, RUSSELL J. 2,959,059
BARFACKER, LARS 2,952,307
BARKER, CHARLES LOUIS ALBARTUS 2,960,217
BARMAN, KOUSHIK 2,960,213
BARMAN, SHIKHA P. 2,960,213
BARRERA, CAROLA 2,957,294
BARRIAC, GWENDOLYN DENISE 2,959,815
BARTELS, THORSTEN 2,957,330
BASF SE 2,951,074
BASF SE 2,956,407
BASF SE 2,957,143
BASF SE 2,957,269
BASU, SHUBHAMITA 2,957,073
BAYER PHARMA AKTIENGESELLSCHAFT 2,952,307
BEAULIEU, NORMAND 2,960,054
BEAUPRE, DENIS 2,960,144
BEAUREGARD, FRANCOIS 2,959,945
BEAUREGARD, FRANCOIS 2,960,155
BECKER, WILLIAM JOSHUA 2,954,931
BECTON, DICKINSON AND COMPANY 2,960,223
BECTON, DICKINSON AND COMPANY 2,960,286
BECTON, DICKINSON AND COMPANY 2,960,288

BECTON, DICKINSON AND COMPANY 2,960,306
BEDELL, RYAN S. 2,957,137
BEESON, WILLIAM T., IV 2,960,019
BEHRENS, CHRISTOPHER R. 2,960,282
BELANGER, INC. 2,957,032
BELANGER, INC. 2,957,033
BELANGER, MICHAEL J. 2,957,032
BELANGER, MICHAEL J. 2,957,033
BELDEN CANADA INC. 2,959,945
BELDEN CANADA INC. 2,960,155
BELL, ANDREW SIMON 2,960,280
BEN-MRAD, RIDHA 2,959,799
BENHAMOU, PIERRE-HENRI 2,956,881
BERMAN, PHILLIP J. 2,957,822
BERRYMAN, KEVIN 2,959,860
BERTLWIESER, MARIO 2,956,575
BESTE, RANDY 2,960,154
BETABOOK LLC 2,960,320
BETEK GMBH & CO. KG 2,956,603
BGC PARTNERS, INC. 2,959,541
BHAVAR, PRASHANT KASHINATH 2,951,370
BIAGETTI, MATTEO 2,952,287
BIDGELY INC. 2,960,001
BIDLINGMAIER, SCOTT 2,960,282
BIEHLER, JOSEPH 2,960,306
BIG MONSTER TOYS LLC 2,960,201
BIOATLA, LLC 2,959,786
BIOMERIEUX, INC. 2,958,745
BIONTECH RNA PHARMACEUTICALS GMBH 2,954,706
BIRKA, MARK P. 2,957,214
BIRKEL, SUSANNE 2,957,294
BIRKERT, THOMAS E. 2,960,207
BJORNSTAD, VIDAR 2,949,328
BLACKBERRY LIMITED 2,960,215
BLACKBERRY LIMITED 2,960,302
BLAKBORN, WILLEM 2,956,403
BLEASE, KEVIN J. 2,959,997
BLEIER, LARRY P. 2,956,310
BODA, RYAN ADAM 2,960,382
BODKHE, RAJAN B. 2,956,944
BOERS, MARC 2,959,282
BOGOV, ALEKSEI ANDREEVICH 2,960,371
BOGOV, ANDREI ALEKSEEVICH 2,960,371
BOMBARDIER INC. 2,953,289
BONACINA, SILVANO 2,959,665
BONE, WILHELM 2,952,307
BONIFAS, ANDREW P. 2,958,859
BONVILLAIN, RYAN 2,959,526
BOONTANRART, MANDY 2,959,705
BORIANI, STEFANO 2,957,495
BORJESSON, DORI L. 2,960,268
BOULBES, FRANCK 2,959,944
BOULBES, GREGORY 2,959,944
BOWEN, JEREMY MONROE 2,959,667
BOYD, MICHAEL DAVID 2,960,057
BOYD, ZACHARY 2,954,868
BOYKSEN, FRANK 2,958,912
BOYMAN, ONUR 2,954,476
BOZO, ILYA YADIGEROVICH 2,960,371
BRADLEY, SCOTT 2,960,016
BRANDT, JUSTIN P. 2,959,997
BREIJ, ESTHER 2,952,758
BREITSCHEIDEL, BORIS 2,957,143
BRENNAN, ANTHONY B. 2,959,805
BRIEM, HANS 2,952,307
BROCHARD, HERVE 2,956,881
BROCKE, STEPHAN 2,957,352
BRODER, AVRAHAM 2,960,367
BROIDE, RON S. 2,954,504
BROT, ELISABETH 2,960,392
BROUWER, SYBOLT 2,956,874
BROVINSKY, GILAD 2,959,835
BROWN, PETER OWEN 2,960,407
BROWN, PHILIP GREGORY 2,959,857
BROWN, RICHARD L. 2,957,385
BRUN, NICOLAS J. 2,959,677
BRUSKI, RICHARD SCOTT 2,957,030
BUCKSEY, CHRISTIAN 2,960,339
BUDLER, NICHOLAS FREDERICK 2,960,009
BURKE, ANDREW 2,960,286
BURKE, STEVEN 2,959,554
BURKE, THOMAS 2,957,053
BURKHOLZ, JONATHAN KARL 2,960,288
BUSH, STEPHAN GARY 2,953,117
BUSSMANN, MARKUS 2,959,746
BYWATER-EKEGARD, MARGARET 2,960,340
C LAB PHARMA INTERNATIONAL, S.A. 2,960,217
CABASSI, CLOTILDE SILVIA 2,951,372
CAI, BRIAN 2,954,504
CAI, ZHIJUN 2,960,215
CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC 2,960,393
CALIWAY BIOPHARMACEUTICALS CO., LTD. 2,960,075
CALVARESE, RUSSELL E. 2,959,146
CAMERON INTERNATIONAL CORPORATION 2,959,961
CAMPANHA, MARCOS VILODRES 2,955,183
CAMPBELL, STUART 2,956,989
CANADIAN BANK NOTE COMPANY, LIMITED 2,960,300
CANNAN, DAVID D.B. 2,956,895
CAPELLI, ANNA MARIA 2,952,287
CARAVAN INGREDIENTS INC. 2,954,220
CARBERRY, JOHN 2,960,115
CARCELLER GONZALEZ, ELENA 2,960,432
CARL ZEISS VISION INTERNATIONAL GMBH 2,954,659
CARL ZEISS VISION ITALIA S.P.A. 2,954,659
CASSADAY, TERRY 2,960,301
CEB INC. 2,959,340
CELGENE QUANTICEL RESEARCH, INC. 2,960,188
CELLIER DOMESTICUS INC. 2,959,944
CHAI, CRX 2,958,830
CHAN, SUNG YUN 2,960,207
CHANG, CHIH-WEI 2,959,378
CHANG, FRANK 2,957,287
CHAPMAN, ROBERT ERNEST 2,957,212
CHARRIER, JEAN-SEBASTIEN 2,957,358
CHARTER COMMUNICATIONS OPERATING, LLC 2,960,407
CHARVAT, GREGORY L. 2,960,178
CHARVAT, GREGORY L. 2,960,189
CHARVAT, GREGORY L. 2,960,191
CHARVAT, GREGORY L. 2,960,200
CHEADLE, JOHN 2,959,526
CHEN, QI 2,960,156
CHEN, YOUNG K. 2,960,188
CHENG, FUJUN 2,959,812
CHERIAN, GEORGE 2,959,815
CHESWORTH, RICHARD 2,960,279
CHESWORTH, RICHARD 2,960,280
CHETTY, CHAMROEN 2,959,804
CHHABRA, RAJEEV 2,959,817
CHIESI FARMACEUTICI S.P.A. 2,952,287
CHITALIA, JALPESH 2,960,319
CHO, CHEUL 2,960,080
CHO, MIN JAE 2,951,798
CHO, SUJIN 2,952,179
CHOI, KUN WOO 2,960,479
CHOW, JAMES R. 2,957,244
CHOWDHURY, ASHFAQUL I. 2,959,989
CHR. HANSEN A/S 2,953,249
CHRISTIANSEN, BRADLEY 2,959,770
CIAVATTA, ALDO 2,960,124
CIUBOTARIU, OCTAVIAN 2,960,298
CIVETTINI, ROBERT JAMES 2,960,201
CLAMOR, OLIVER 2,956,407
CLAUSEN, JORGEN MADS 2,960,328
CLAY, BRADFORD 2,958,745
CLEVELAND, WESLEY PETER 2,959,375
CLIFF, RICHARD O. 2,960,193
CLOUDLEAF, INC. 2,959,044
CODDINGTON, MICHAEL C. 2,956,944
COEN, CHRISTINA 2,960,019
COHEN GAZIT, BEN 2,960,452
COHEN, MILES M. 2,959,665
COLE, JOHN 2,959,806
COLE, JOHN 2,960,204
COLVIN, RICHARD DANIEL 2,960,137
COMMAND ALKON DUTCH TECH B.V. 2,960,144
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,955,912
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,956,369
COMPANY LIMITED "NEXTGEN" 2,960,371
CONERS, ROLF 2,956,875

CONNELL, JASON 2,960,131
CONNELLY, SEAN 2,960,300
CONNOLLY, SEAN A. 2,959,146
CONRAD, THEODORE J. 2,957,244
CONTERA PHARMA APS 2,950,469
CONTITECH ANTRIEBSSYSTEME GMBH 2 957,352
COOPER TECHNOLOGIES COMPANY 2,957,243
COOPER, DANIEL G. 2,957,137
COOPER, STEPHEN 2,959,991
CORDER, RODNEY 2,960,141
CORDER, RODNEY 2,960,143
CORDER, RODNEY 2,960,146
CORDER, RODNEY 2,960,147
CORNING INCORPORATED 2,956,929
CORPAK MEDSYSTEMS, INC. 2,960,198
CORUM, JAMES F. 2,957,519
CORUM, JAMES F. 2,957,589
CORUM, JAMES F. 2,957,590
CORUM, JAMES F. 2,957,592
CORUM, KENNETH L. 2,957,519
CORUM, KENNETH L. 2,957,589
CORUM, KENNETH L. 2,957,590
CORUM, KENNETH L. 2,957,592
COSTELLO, PETER 2,960,286
COUSINS, JAY 2,960,320
COVIDIEN LP 2,957,750
COVIDIEN LP 2,957,832
COX POWERTRAIN LTD 2,960,339
COX, JEFF 2,959,755
CPG TECHNOLOGIES, LLC 2,957,519
CPG TECHNOLOGIES, LLC 2,957,589
CPG TECHNOLOGIES, LLC 2,957,590
CPG TECHNOLOGIES, LLC 2,957,592
CRAMM, CARL J. 2,960,151
CROCKETT, STEVEN PAUL 2,960,137
CRUIKSHANK, DAVID N.C. 2,960,300
CRUZ, BRANDAN 2,960,393
CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD. 2,959,987
CUEVAS, KEVIN H. 2,959,805
CURTIS, JAMES ROBERT 2,959,552
CUTHBERT, ANDY J. 2,960,151
D'LIMA, DARRYL 2,959,758
DAEWOONG PHARMACEUTICAL CO., LTD. 2,951,798
DAGA, ANDREW W. 2,960,196
DAGA, VIJAY 2,956,213
DALAL, MITUL 2,959,699
DALBY, CHRISTINA 2,960,387
DALEY, DANIEL JOSEPH 2,957,243
DANA CANADA CORPORATION 2,960,157
DANG, PHONG 2,957,730
DARIVIANAKIS, GEORGIOS 2,955,908
DATADOBI CVBA 2,959,647
DAUGS, EDWARD D. 2,951,928
DAUGS, EDWARD D. 2,951,930
DAVIS, CHERYL KARTYE 2,960,407
DBV TECHNOLOGIES 2,956,881
DE JONG, ROB N. 2,952,758
DE LUCA OVEN TECHNOLOGIES, LLC 2,958,400
DE LUCA, MARCO 2,957,495
DE LUCA, NICHOLAS P. 2,958,400
DE MARIA, LEONARDO 2,952,147
DE OTO, LUCIANO 2,957,495
DEEV, ROMAN VADIMOVICH 2,960,371
DEGRAAF, MARTIN CHRISTIAN, 3RD 2,959,748
DEKA PRODUCTS LIMITED PARTNERSHIP 2,956,895
DELAPP, SCOTT 2,960,016
DELATORRE, JOSE ALFREDO 2,960,314
DELTA T CORPORATION 2,954,423
DEMERS, JASON A. 2,956,895
DESHPANDE, SACHIN G. 2,960,118
DESROCHERS, ALAIN 2,959,945
DESROCHERS, ALAIN 2,960,155
DESTREMPS, GERALD 2,960,319
DEZAWA, MARI 2,959,957
DIEHL AEROSPACE GMBH 2,956,008
DIERKES, FRANK 2,956,989
DIETZ, GERNOT 2,958,912
DIGITAL H2O, INC 2,959,375
DIGMAN, MICHELLE A. 2,959,978
DIKEN, MUSTAFA 2,954,706
DILLOW, CHRISTOPHER 2,960,002
DING, GANG 2,959,815
DING, ZHAOQING 2,952,351
DING, ZHAOQING 2,953,451
DJONOVIC, SLAVICA 2,960,032
DOAN, CHRISTOPHER 2,959,667
DODD, SIMON 2,953,117
DOI, YOSHIHIRO 2,959,570
DOLE, DOUGLAS R. 2,959,997
DONATE, FELIPE A. 2,951,928
DONATE, FELIPE A. 2,951,930
DONG, JIAN 2,960,294
DONNELLY, STEVEN G. 2,955,352
DORFMAN, JEREMY CHRISTOPHER 2,959,685
DORIA, HEATHER ANNE 2,957,294
DOVLETOGLOU, ANGELOS 2,960,287
DOW GLOBAL TECHNOLOGIES LLC 2,951,928
DOW GLOBAL TECHNOLOGIES LLC 2,951,930
DOW GLOBAL TECHNOLOGIES LLC 2,959,858
DOWMAN, ALAN REG 2,960,379
DOWNEY, ADAM 2,957,281
DOWNEY, LUKE CHRISTOPHER 2,960,009
DOWNEY, PAUL GORDON 2,960,201
DR. ANDREW WILLOUGHBY INC. 2,959,859
DRAKE, JAMES F. 2,959,946
DRANSART, ALAIN 2,959,282
DREISINGER, DAVID 2,959,876
DTI GROUP LIMITED 2,959,967
DU, PENG 2,960,294
DU, PENG 2,960,330
DUBOIS, JANINE E. 2,959,146
DUBY, CHRISTIAN 2,952,103
DUGGAN, FINBARR 2,959,037
DUJOVNE, ARIEL 2,960,304
DUKE UNIVERSITY 2,959,788
DUMAS, PIERRE 2,956,503
DUPON, MITCHEL 2,956,434
DUPONT, CHRISTOPHE 2,956,881
DUROJAIYE, OLUMUYIWA M. 2,959,683
DURSUN, SERKAN 2,959,807
DUTTA, ANIT 2,960,281
DUVAL, DEAN LARRY 2,959,817
EASYDIAL, INC. 2,960,141
EASYDIAL, INC. 2,960,143
EASYDIAL, INC. 2,960,146
EASYDIAL, INC. 2,960,147
EBERLE, FLORIAN 2,954,706
ECKERT, MARK A. 2,959,978
ECOSPRAY TECHNOLOGIES S.R.L. 2,957,616
EDGERTON, VICTOR REGGIE 2,959,378
EDIFIRE LLC 2,959,998
EDIFIRE LLC 2,959,999
EDIFIRE LLC 2,960,014
EDWARDS, JEFFREY DAVID 2,959,687
EID, ASSAAD A. 2,960,435
EIS, KNUT 2,952,307
EISENHARDT, ANDREA 2,956,407
FISSENLOEFFEL, THOMAS 2,960,348
EKLOEF, JENS 2,950,491
ELEZCANO DONAIRE, UNAI 2,960,432
EMERSON, DANIEL FLOYD 2,959,685
ENABLE TRAINING AND CONSULTING, INC. 2,960,298
ENERGY RECOVERY, INC. 2,957,284
ENERMED, LLC 2,960,291
ENIRAM OY 2,960,431
EPIZYME, INC. 2,960,271
EPIZYME, INC. 2,960,273
EPIZYME, INC. 2,960,274
EPIZYME, INC. 2,960,275
EPIZYME, INC. 2,960,277
EPIZYME, INC. 2,960,279
EPIZYME, INC. 2,960,280
EPIZYME, INC. 2,960,287
ERICKSON, DAVID P. 2,958,859
ERNI PRODUCTION GMBH & CO. KG 2,954,564
ERNI PRODUCTION GMBH & CO. KG 2,956,549
ESM ENERGIE- UND SCHWINGUNGSTECHNIK MITSCH GMBH 2,957,311
EUVERINK, GERRIT JAN WILLEM 2,952,288
EVONIK OIL ADDITIVES GMBH 2,957,330
EXERKINE CORPORATION 2,960,161
EXERKINE CORPORATION 2,960,164
EXPRESSION PATHOLOGY, INC. 2,954,694
EXTHERA MEDICAL CORPORATION 2,959,975

EYEVERIFY INC. 2,960,397
F. HOFFMANN-LA ROCHE AG 2,950,475
F. HOFFMANN-LA ROCHE AG 2,960,348
FACC AG 2,957,126
FACEBOOK INC. 2,959,623
FALANGA, GENNARO 2,951,372
FAME TECHNOLOGIES GMBH 2,956,575
FANG, PENG 2,960,066
FANG, RICHARD 2,959,667
FANG, RUTH HSIN-JU 2,960,207
FARCO, JOSEPH 2,959,728
FARLAND, RICHARD M. 2,960,173
FEELTER SALES TOOLS LTD 2,959,835
FELDMAN, MARC, D. 2,960,029
FENEUIL, AURELIEN 2,959,962
FENEUIL, AURELIEN 2,959,964
FENG, GUOHUA 2,954,220
FERNANDEZ-SALAS, ESTER 2,954,504
FERREIRA DA SILVA, ANDERSON 2,955,183
FICHERA, STEPHEN L. 2,956,895
FINCH, GLYN A., JR. 2,960,276
FINNMAN, KARL-OSKAR 2,956,582
FINNMAN, KARL-OSKAR 2,956,583
FIRETRACE USA, LLC 2,960,295
FISHEL, ROBERT 2,960,367
FISHER, MICHAEL EDWARD 2,959,971
FISHMAN, ALEX 2,958,830
FITZSIMMONS, ANANDA 2,960,340
FLAVELL, RICHARD 2,960,032
FLINT GROUP GERMANY GMBH 2,958,912
FLINT TRADING, INC. 2,960,163
FLORES-FIGUEROA, AARON 2,957,294
FLOWER, ROBERT W. 2,960,193
FOCHESATTO, JUAREZ 2,959,969
FOCHT, KENNETH 2,960,223
FOCHT, KENNETH 2,960,286
FOLEY, MEGAN ALENE CLOONAN 2,960,271
FOLEY, MEGAN ALENE CLOONAN 2,960,273
FOLEY, MEGAN ALENE CLOONAN 2,960,274
FOLEY, MEGAN ALENE CLOONAN 2,960,275
FOLEY, MEGAN ALENE CLOONAN 2,960,277
FOLEY, MEGAN ALENE CLOONAN 2,960,279
FOLEY, MEGAN ALENE CLOONAN 2,960,280
FONTAINE, MARC 2,959,945
FONTAINE, MARC 2,960,155
FOO, BRIGHT C.K 2,956,895
FOSSUM, RENAE DIANNA 2,957,294
FOSTER, CLARK B. 2,959,806
FOUCHER, ESTELLE 2,956,881
FRACTURE ID, INC. 2,960,418
FRANCIS, JOSEPH 2,954,504
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,951,992
FREEDMAN, ROBERT 2,960,080
FRIEDERICHS, HEIKO 2,956,603
FRYCEK, GEORGE J. 2,951,928
FRYCEK, GEORGE J. 2,951,930
FUKUMA, SHINICHI 2,960,003
FUSION HVAC PTY LIMITED 2,960,290
GAD, PARAG 2,959,378
GALDERMA S.A. 2,951,969
GALEA, MICHAEL 2,960,299
GALLANT-BEHM, CORRIE 2,960,387
GAO, QINGZHI 2,959,987
GAO, ZHONG 2,956,301
GARUD, VIVEK 2,960,001
GATES CORPORATION 2,957,185
GAUFRETEAU, DELPHINE 2,950,475
GAUME, JULIEN 2,955,912
GAUME, JULIEN 2,956,369
GE AVIATION SYSTEMS LIMITED 2,957,049
GE LIGHTING SOLUTIONS, LLC 2,959,989
GEIB, UWE 2,958,938
GELABERT, XAVIER 2,959,562
GELLMAN, GREGG 2,960,291
GENDRAUD, ALAIN DOMINIQUE 2,956,882
GENENTECH, INC. 2,954,868
GENMAB A/S 2,952,758
GEORGIA-PACIFIC CONTAINERBOARD LLC 2,960,307
GEYER, TOBIAS 2,955,908
GIANELIS, STEPHEN 2,960,286
GIEMZA, LEE MARK 2,957,212
GILBERT, DEBORAH 2,960,294
GILBERT, DEBORAH 2,960,330
GILLON, BRONWYN HILARY 2,957,051
GINSBURG, EVAN 2,959,547
GINZBOORG, PHILIP 2,959,562
GIORDANO, RENATO 2,960,141
GIORDANO, RENATO 2,960,143
GIORDANO, RENATO 2,960,146
GIORDANO, RENATO 2,960,147
GIROLAMI, MAURO 2,957,495
GIUSTI, DOMENICO 2,953,117
GLANZNER, SEBASTIAN 2,957,311
GLEINIG, ERHARD 2,956,407
GLENAIR, INC. 2,957,730
GLOGE, THOMAS 2,954,659
GLOVER, TODD A. 2,960,373
GNEITING, THOMAS 2,954,564
GOEPP, DANIEL P. 2,960,014
GOLUBSKI, KARSTEN 2,959,746
GORDON, JOSEPH 2,960,223
GOSER, HUBERT 2,957,352
GOULD, JOEL 2,959,169
GOULD, JOEL 2,959,627
GOUSEV, EVGENI 2,959,549
GOVIL, ALOK 2,959,549
GOYAL, SHIVENDRA KUMAR 2,957,051
GRAHAM, KEITH 2,952,307
GRANT, KEVIN L. 2,956,895
GRATTON, ENRICO 2,959,978
GRAUBAUM, HEINZ 2,952,307
GRAY, MARK 2,960,057
GREENE, DOUGLAS STUART 2,951,933
GREENFIELDS CHRISTMAS TREE MANUFACTORY 2,906,337
GREER, ROBERT W. 2,960,163
GREGAR, TRAVIS Q. 2,956,944
GRENECHE, REMI 2,957,358
GRIMM, AXEL 2,957,143
GRIPPLE LIMITED 2,957,212
GRONHOLM, KIM 2,960,426
GRONHOLM, KIM 2,960,427
GRUENBACHER, DANA PAUL 2,953,117
GUALA, MATILDE 2,952,287
GUGLANI, ABHISHEK 2,960,319
GUILFOYLE, EMILY 2,954,220
GUILLEREZ, STEPHANE 2,955,912
GUILLEREZ, STEPHANE 2,956,369
GUNNES, SOLVI 2,949,328
GUPTA, ABHAY 2,960,001
GUPTA, SANJAY 2,959,699
GUSTIN, LISA A. 2,956,895
GYLLING, KAI 2,956,424
GYORY, J. RICHARD 2,960,306
GYORY, RICHARD J. 2,960,223
HA, YU JEUB 2,960,479
HAAG, MARCO 2,956,989
HABIB, ROBERT H. 2,960,435
HACKENSACK UNIVERSITY MEDICAL CENTER 2,960,012
HACKETT, BRENDAN 2,960,213
HAHN, KARLHEINZ ULRICH G 2,956,989
HALDOR TOPSOE A/S 2,957,616
HALLIBURTON ENERGY SERVICES, INC. 2,959,979
HALLIBURTON ENERGY SERVICES, INC. 2,960,009
HALLIBURTON ENERGY SERVICES, INC. 2,960,010
HALLIBURTON ENERGY SERVICES, INC. 2,960,028
HALLIBURTON ENERGY SERVICES, INC. 2,960,151
HALLIBURTON ENERGY SERVICES, INC. 2,960,154
HALLIBURTON ENERGY SERVICES, INC. 2,960,269
HAMEL, PIER-OLIVIER 2,960,123
HAMLIN, MICHAEL 2,960,392
HAMMONS, JOHN LEE 2,959,817
HAN, DONG GI 2,960,479
HANAOKA, SHINGO 2,960,466
HANDY, PETER JAMES 2,957,049
HANEY, CRAIG 2,959,997
HANNATH, GRAHAM 2,958,980
HANSEN, ENIKOE FODOR 2,953,249
HANSEN, JOHN BONDO 2,950,469
HANSEN, MEGAN 2,956,446
HARARI, BOAZ 2,960,370
HARRIS, CODY GLENN 2,960,010

HARRIS, KEVIN 2,960,290
HARTING ELECTRIC GMBH & CO. KG 2,957,295
HARVEY, DARREN MARTIN 2,960,273
HARVEY, DARREN MARTIN 2,960,274
HARVEY, DARREN MARTIN 2,960,275
HARVEY, DARREN MARTIN 2,960,277
HATANAKA, YASUHIRO 2,960,005
HEART RESEARCH INSTITUTE LTD 2,960,408
HECK, WOLFGANG 2,960,348
HECKER, FRIEDRICH 2,951,964
HELMS, LONNIE C. 2,960,009
HELVIK, TORBJORN 2,959,628
HEMBROUGH, TODD 2,954,694
HENDERSON, DAGAN 2,959,998
HENDERSON, DAGAN 2,959,999
HENDERSON, DERRON 2,960,163
HENNING, ROBERT HENK 2,952,288
HENRIKSSON, DAVID CHRISTER 2,960,307
HENSARLING, JESSE K. 2,960,154
HESS, JOE E. 2,960,151
HEULENS, JEROEN 2,956,874
HIDALGO, MANUEL 2,956,369
HIGASA, MASASHI 2,960,152
HILL, DUNCAN JOHN 2,959,869
HILPERT, HANS 2,950,475
HILVO, MIKA 2,959,832
HIRAGUCHI, TOMONARI 2,960,110
HIRVONEN, DAVID 2,960,397
HISEL, RICHARD D. 2,959,996
HITACHI SOLUTIONS, LTD. 2,959,574
HITCHCOCK, MARION 2,952,307
HO, LEWIS 2,957,136
HOBART BROTHERS COMPANY 2,956,301
HODGES, AUSTIN BRADLEY 2,959,665
HODSDON, ANTHONY JOHN ROLLS 2,959,665
HOENECKE, HEINZ 2,959,758
HOFER, JOSEF 2,957,138
HOGERVORST, WIM THEODORUS 2,954,331
HOLLAND, TROY VERNON 2,957,287
HOLMES, ELIZABETH 2,959,992
HOLTON, SIMON 2,952,307
HONDA, GO 2,960,158
HONEYWELL INTERNATIONAL INC. 2,960,177
HORVATH, JOZSEF 2,959,554
HOWE, JUSTIN X. 2,959,154
HPT SINERGY S.R.L. 2,956,866
HU, JIA 2,958,859
HU, PO 2,959,154
HUANG, LI 2,960,302
HUANG, MING 2,959,677
HUAWEI TECHNOLOGIES CO., LTD. 2,959,562
HUBBELL INCORPORATED 2,959,857
HUBBELL INCORPORATED 2,959,971
HUBER, HOWARD, JR. 2,959,725
HUDSON, MARK 2,955,983
HUESTE, GREGORY LEO 2,956,299
HUGHES, SINEAD, K. 2,957,720
HUGHES, WILLIAM JAMES 2,959,782
HUMBLOT, FRANCIS 2,952,162
HUMM, ROLAND 2,950,475
HUNT, DAVE 2,953,117
HUREL CORPORATION 2,960,080
HURWITZ, SEAN 2,960,283
HWANG, CHARLES GEORGE 2,960,223
HYDE TOOLS, INC. 2,960,173
HYMO CORPORATION 2,960,158
HYPERFINE RESEARCH, INC. 2,960,178
HYPERFINE RESEARCH, INC. 2,960,189
HYPERFINE RESEARCH, INC. 2,960,191
HYPERFINE RESEARCH, INC. 2,960,194
HYPERFINE RESEARCH, INC. 2,960,200
I.C.F. S.R.L. 2,951,372
IFAST NV 2,953,460
IIAMS NELSON, VANESSA A. 2,956,944
ILLINOIS TOOL WORK INC. 2,954,931
ILLINOIS TOOL WORKS INC. 2,956,299
IMPAGLIAZZO, ANTONIETTA 2,952,351
IMPAGLIAZZO, ANTONIETTA 2,953,451
INDIGO AG, INC. 2,960,032
INGENICO GROUP 2,959,103
INNOVISION, INC. 2,960,373
INO THERAPEUTICS LLC 2,951,933
INOCUCOR TECHNOLOGIES, INC. 2,960,340
INOUE, KOUJI 2,959,574
INSIGHT INNOVATIONS, LLC 2,959,805
INSTITUT DR. FOERSTER GMBH & CO. KG 2,951,964
INTEGRAL BIOSYSTEMS LLC 2,960,213
INTELLIGENT FINGERPRINTING LIMITED 2,955,983
INVENTIO AG 2,957,352
IOFABRIC INC. 2,960,150
ISAEV, ARTUR ALEKSANDROVICH 2,960,371
ISRAEL, ZOHAR 2,959,835
ISTITUTO ORTOPEDICO RIZZOLI 2,957,495
ITAKURA, TAKAYUKI 2,960,007
IWASHITA, KENJI 2,960,129
JAASKELAINEN, MIKKO 2,959,979
JACK, ALLISON 2,960,032
JACKERING, HERMANN-JOSEF 2,959,746
JACOBSEN, JONAS 2,953,249
JACOBSON, NEIL ADAM 2,959,685
JACOBSON, RACHEL MARIE DEVAY 2,956,991
JAMELE, DANIEL ROBERT 2,960,382
JANG, HYEONG JIN 2,960,479
JANK, RUDIGER 2,954,460
JANSON COMPUTERS PLC 2,958,980
JANSSEN BIOTECH, INC. 2,960,494
JANSSEN VACCINES & PREVENTION B.V. 2,952,351
JANSSEN VACCINES & PREVENTION B.V. 2,953,451
JAYCOBS, RICH 2,959,541
JENKINS, DAVID 2,958,843
JENNINGS, HAMLIN 2,960,138
JENOPTIK ROBOT GMBH 2,958,832
JEON, IN KI 2,960,479
JEONG, SANG JIN 2,960,479
JEONG, SEONG HEON 2,956,446
JFE STEEL CORPORATION 2,960,110
JIANG, SIYUAN 2,959,858
JOHNSON, JEFFREY JAY 2,959,675
JOHNSON, SAMUEL THEOPHILIS 2,959,971
JOHNSON, TOBIAS 2,960,294
JOHNSON, TOBIAS 2,960,330
JOHNSON, WALTER A. 2,957,381
JOHNSTON, DAVID MORRIS 2,960,032
JONES, ANTHONY 2,958,980
JONES, PAUL JOSEPH 2,960,009
JONES, STEVEN M. 2,960,119
JORDAN, ALAIN 2,959,282
JORDAN, JEREMY CHRISTOPHER 2,960,191
JUNG, HYUN HO 2,952,179
JUNG, MIN GYU 2,960,479
JUSTIS, JEFF R. 2,957,385
KABUSHIKI KAISHA SANGI 2,960,007
KAJI, KUNIHIKO 2,960,003
KAMADA, SHOGO 2,959,845
KAMARAINEN, TIMO 2,959,970
KAMEN, DEAN 2,956,895
KAMMERER, BERNHARD 2,957,126
KAMPF, GUNNAR 2,956,407
KANG, DONG-KU 2,959,978
KANOUNI, TOUFIKE 2,960,188
KAPADIA, JAIMEEN 2,957,750
KAPADIA, JAIMEEN 2,957,832
KARSUNKY, HOLGER 2,959,705
KAWAKAMI, TAKAYOSHI 2,960,382
KELLEY, JAMES 2,960,367
KEMP, TERRY DEAN 2,960,379
KIKUCHI, TOSHIHIRO 2,960,110
KIM, TAE HUN 2,960,479
KINOSHITA, KAHORI 2,959,957
KIRN, DAVID S. 2,959,996
KISHEN, ANIL 2,959,981
KISHIMOTO, JUMPEI 2,960,152
KIYOKAWA, YUUICHI 2,959,574
KLAR, ULRICH 2,952,307
KLODD, ELIZABETH J. 2,960,198
KLOSINSKI, RICHARD CHESTER, JR. 2,960,425
KLOSINSKI, RICHARD CHESTER, JR. 2,960,429
KNAUF INSULATION, INC. 2,957,381
KNUDSON, ORLIN B. 2,958,859
KOBAYASHI, RYOHEI 2,959,570
KOCH, TORBEN 2,949,328
KOELPER, CRYSTAL E. 2,960,198
KOEPPEN, HARTMUT 2,954,868
KOJIMA, KATSUMI 2,960,110
KOLB, ROBERT 2,957,330
KOLCZEWSKI, SABINE 2,950,475
KOLETNIK, SANDI 2,957,126
KOMMERELL, PATRIZIA 2,960,320
KONAKANCHI, DURGA PRASAD 2,959,980

KONDURI, SRINIVASA KRISHNA MURTHY 2,959,980
KOON, MARIA 2,960,276
KOPPELMAN, STEFAN (JOHAN) 2,956,881
KOSTOV, CLEMENT 2,959,769
KOUNO, KAZUKI 2,959,572
KOWANETZ, MARCIN 2,954,868
KRAFT FOODS GROUP BRANDS LLC 2,960,314
KRALOVEC, CHRISTOPH 2,957,126
KRAMER, ULRICH 2,956,603
KRECKER, ALEXANDER 2,956,483
KREIDER, BRIAN 2,959,991
KRENDZEL, ANDREY 2,959,562
KRIZMAN, DAVID B. 2,954,694
KROL, AGATA 2,960,205
KUBALA, PETRA 2,954,495
KUCHENMEISTER GMBH 2,954,460
KUGEL, ALEXANDER J. 2,956,944
KUHN, ANDREAS 2,954,706
KUKA ROBOTICS CORPORATION 2,956,434
KUKOLICH, STEPHEN A. 2,959,169
KUKOLICH, STEPHEN A. 2,959,389
KUKOLICH, STEPHEN A. 2,959,392
KUKOLICH, STEPHEN A. 2,959,528
KUKOLICH, STEPHEN A. 2,959,534
KUKOLICH, STEPHEN A. 2,959,627
KULIKOV, VADIM 2,959,833
KULKARNI, RAGHAVENDRA 2,959,044
KUMAR, RAJESH 2,957,269
KUNTZ, KEVIN WAYNE 2,960,271
KUNTZ, KEVIN WAYNE 2,960,273
KUNTZ, KEVIN WAYNE 2,960,274
KUNTZ, KEVIN WAYNE 2,960,275
KUNTZ, KEVIN WAYNE 2,960,277
KUNTZ, KEVIN WAYNE 2,960,279
KUNTZ, KEVIN WAYNE 2,960,280
KUPPUSAMY, ASHOK 2,959,628
KURARAY CO., LTD. 2,960,005
KURIHARA, HIROYUKI 2,960,152
KUWAHARA, HISAYUKI 2,959,572
KYOWSKI, TIMOTHY HERBERT 2,960,302
LA KOMSKI, DAVID M. 2,957,244
LABANIEH, LOUAI 2,959,978
LAGANIERE, ROBERT 2,960,414
LAKINGS, JAMES D. 2,960,418
LAMB, STEVEN 2,960,150
LANDAU, SMADAR 2,959,835
LANDMARK GRAPHICS CORPORATION 2,959,807
LANDMARK GRAPHICS CORPORATION 2,960,134
LANDMARK GRAPHICS CORPORATION 2,960,137
LANDSTEINER GENMED, S.L. 2,960,432
LANGE, DIETRICH 2,956,483
LANIER, GREGORY R. 2,956,895
LANIGAN, RICHARD J. 2,956,895
LAODA, FIONA 2,956,875
LAPALU, LAURENCE 2,956,868
LAPORTA, ARTHUR 2,959,868
LAPPOHN, JURGEN 2,954,564
LAPPOHN, JURGEN 2,956,549
LASALLE, JERRY 2,960,165
LATHBURY, DAVID 2,960,392
LAU, WILLIAM HOCK OON 2,959,967
LAUTERWASSER, FRANK 2,957,330
LAVERY, RICHARD J. 2,959,146
LAWSON, ERIC N. 2,957,269
LAZAR, JILL F. 2,960,198
LEBLANC, RON 2,960,278
LEDDARTECH INC. 2,960,123
LEE, BONG YONG 2,951,798
LEE, HAEJOO 2,960,272
LEE, HO BIN 2,951,798
LEE, JUNHO 2,952,179
LEE, JUNSEO 2,960,272
LEE, KIYOUNG 2,960,272
LEE, NAMKYUNG 2,960,282
LEE, THOMAS 2,960,400
LEHNERT, RAINER 2,954,477
LEHNING, MICHAEL 2,958,832
LEOMO, INC. 2,960,003
LESNIAK, CHRISTOPH 2,956,483
LEVEL 3 COMMUNICATIONS, LLC 2,959,022
LEVEL 3 COMMUNICATIONS, LLC 2,959,511
LEVINSON, HOWARD 2,959,788
LEVITT, LEON 2,956,944
LEWIS, SAMUEL J. 2,960,010
LEXOGEN GMBH 2,954,495
LEZZI, PETER JOSEPH 2,956,929
LI, CHAODI 2,958,859
LI, FANGQIONG 2,959,812
LI, FENG 2,959,978
LI, HONGHU 2,959,812
LI, XING XIANG 2,959,804
LIANG, HONG 2,956,991
LIAO, WEI-LI 2,954,694
LIAO, ZHIMING 2,954,868
LIENAU, PHILIP 2,952,307
LIESBROCK, BERND 2,959,746
LILLEBY, BJORNSTEIN 2,959,628
LILLY, JAMES D. 2,957,589
LILLY, JAMES D. 2,957,590
LILLY, JAMES D. 2,957,592
LINDAL, AKE 2,959,717
LINDE AKTIENGESELLSCHAFT 2,953,731
LINDE AKTIENGESELLSCHAFT 2,957,136
LING, YU-FANG 2,960,075
LIU, BIN 2,960,282
LIU, CHONG 2,960,156
LIU, JIANYU 2,959,812
LIU, MINGDONG 2,960,209
LIU, MOLI 2,960,213
LIU, SHUHONG 2,960,392
LIU, WENTAI 2,959,378
LIU, XIANG 2,956,314
LIU, YAN-FEI 2,960,066
LIU, ZEJIANG 2,959,948
LLENAS CALVO, JESUS 2,960,432
LOFFLER, GERHARD 2,955,281
LOHR ELECTROMECANIQUE 2,956,503
LOISEAU, CYRIL 2,956,882
LOKHORST, HENK M. 2,960,494
LOMBARDINI, MARCO 2,960,099
LONG, BRUCE RICHARD 2,960,196
LONGANECKER, STACEY J. 2,960,223
LOTKEMANN, IRINA 2,957,295
LSI SOLUTIONS, INC. 2,959,990
LU, GUOHAN 2,959,041
LU, MENGROU 2,959,978
LUCAS, BRADLEY E. 2,960,307
LUMITHERA, INC. 2,960,016
LUND, MARTIN 2,953,249
LUNDKVIST, HENRIK 2,952,147
LUNDY, STEPHEN 2,957,405
LUNZ, HELMUT 2,956,989
LUSZICK, CHRISTIAN-ALEXANDER 2,960,348
LUTNICK, HOWARD W. 2,959,541
LUTRON ELECTRONCIS CO., INC. 2,957,405
LUTRON ELECTRONICS CO., INC. 2,957,137
LUTZE, MARCEL 2,954,461
LYFORD, JEFFREY 2,960,032
MAC NAIR, BRUCE W. 2,959,154
MACLEAN, DANIEL 2,960,019
MADDULA, LAKSHMANA VISWA VENKATA PAVAN KUMAR 2,959,980
MAGIN, CHELSEA MARIE 2,959,805
MAGNA INTERNATIONAL INC. 2,957,214
MAGNANI, MARIO E. 2,960,173
MAHLING, FRANK-OLAF 2,957,330
MAIER, STEFAN 2,957,330
MAITAN, JACEK 2,959,549
MAKINEN, ANNA MARJATTA 2,959,769
MANN, ETHAN EUGENE 2,959,805
MANSILLA-SOTO, JORGE 2,960,209
MARA RENEWABLES CORPORATION 2,959,860
MARAONE, STEVEN M. 2,960,198
MARDIKAR, UPENDRA 2,960,319
MARIOTTI, SOPHIE 2,956,976
MARIVOET, KIM 2,959,647
MARJI, GEORGE Y. 2,959,790
MARQUEZ CHIN, CESAR 2,960,148
MARQUEZ, LUIS MIGUEL 2,960,032
MARTIN, JEREMY GRANT 2,957,284
MARTIN, LAURENT 2,956,881
MARTIN, MICHAEL A. 2,960,157
MARTIN, TROY 2,959,861
MARTIN, TROY 2,959,868
MARVEL, SEAN D. 2,959,146
MASCHMEYER, RICHARD ORR 2,956,929
MASGUTOV, RUSLAN FARIDOVICH 2,960,371
MASTERCARD INTERNATIONAL INCORPORATED 2,959,154
MATHERN, PETER D. 2,960,276
MATSUMURA, YASUHIRO 2,960,466

MATSUSHITA, NOBUYUKI 2,960,003
MATSUURA, DAVID G. 2,959,758
MATTESON, TRACY RENE 2,960,314
MATTHEWS RESOURCES, INC. 2,959,530
MATTHEWS, MARTIN R. 2,957,214
MATVEEVA, EVGENIA G. 2,960,193
MAURER, JULIE L. 2,951,930
MAUTE, ROY LOUIS 2,959,821
MAXIMIUK, MIKE 2,956,434
MAXON INDUSTRIES, INC., DBA MAXON LIFT CORP. 2,959,790
MAY, RHEA MARIE 2,959,805
MAYRHOFER, MICHAEL 2,956,111
MAZYAR, OLEG A. 2,955,934
MC10, INC. 2,959,699
MCCREA, KEITH R. 2,959,975
MCFARLIN, KEVIN L. 2,957,385
MCILDOWIE, MATTHEW JAMES 2,959,687
MCINNIS, JAMES 2,960,393
MCKINNON, AUSTIN JASON 2,960,288
MCLAWS, MARK 2,960,392
MCNULTY, CHRISTOPHER THOMAS 2,960,200
MCT HOLDINGS LTD. 2,960,138
MCVEY, ROBERT D. 2,960,198
MEDIAMATION, INC. 2,960,382
MEDICIS, JOSEPH J. 2,951,933
MEDOFF, MARSHALL 2,960,376
MEDTRONIC XOMED, INC. 2,957,385
MEDTRONIC XOMED, INC. 2,957,822
MEDYTOX INC. 2,952,179
MEIJBERG, JAN WILEM 2,952,351
MEIJBERG, JAN WILEM 2,953,451
MELANDER, CLAES 2,949,328
MELTON, DAVID LAURENCE 2,960,295
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,960,209
MERCANZINI, ANDRE 2,959,281
MERCANZINI, ANDRE 2,959,282
MERCER TECHNOLOGIES LIMITED 2,960,379
MERCER, ALEC M. 2,959,857
MERENOV, ANDREI S. 2,951,930
MERLIN, SIMONE 2,959,815
MERTENS, PASCAL 2,953,460
METRAN CO., LTD. 2,960,364
METTETAL, MICHAEL R. 2,959,805
MEURS, HERMANUS 2,952,288
MI, YI 2,959,987
MICHAELS, MARK L. 2,960,128
MICHALIS, ALEXANDRE 2,959,282
MICRO MOTION, INC. 2,960,119
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,037
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,041
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,628
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,665
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,667
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,675
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,677
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,681
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,683
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,685
MIDDELBERG, ANTON PETER JACOB 2,959,201
MILESKI, WILLIAM J. 2,960,189
MILETTE, LUC 2,959,945
MILETTE, LUC 2,960,155
MILLET, YVES ALAIN 2,960,032
MILLS, JAMES EDWARD JOHN 2,960,274
MILLS, JAMES EDWARD JOHN 2,960,275
MILLS, JAMES EDWARD JOHN 2,960,280
MILNER, THOMAS E. 2,960,029
MILWAY, MICHAEL 2,959,860
MINAMINO, ATSUSHI 2,960,152
MININVASIVE LTD. 2,960,370
MIRAGEN THERAPEUTICS, INC. 2,960,387
MITCHELL, LORNA HELEN 2,960,271
MITCHELL, LORNA HELEN 2,960,273
MITCHELL, LORNA HELEN 2,960,274
MITCHELL, LORNA HELEN 2,960,275
MITCHELL, LORNA HELEN 2,960,277
MITCHELL, LORNA HELEN 2,960,279
MITCHELL, LORNA HELEN 2,960,280
MITSUBISHI ELECTRIC CORPORATION 2,959,798
MITSUBISHI GAS CHEMICAL COMPANY, INC. 2,959,572
MO, YI 2,959,812
MOAKE, GORDON L. 2,960,028
MOCHA, MOTY 2,960,367
MODINGER, ROLAND 2,954,564
MOELLER, KEITH WILLIAM 2,959,859
MOHRHARD, KARL-HEINZ 2,956,989
MOLITOR, STEFAN 2,954,564
MOMENTUM DYNAMICS CORPORATION 2,960,196
MONNIG, SVEN 2,956,407
MONTANA STATE UNIVERSITY 2,959,059
MONTGOMERY, RUSTY L. 2,960,387
MOREAU, TIMOTHY D. 2,956,895
MORGENSTERN, HERBERT 2,957,143
MORIMOTO, KOICHI 2,959,875
MORISHITA, SHIGENORI 2,959,570
MORRIS, JOHN JOSEPH 2,960,378
MORTON, JOHN L., III 2,945,826
MORTON, JOHN L., JR. 2,945,826
MOSKAL, JOSEPH R. 2,953,170
MOSS, CLINTON 2,959,861
MOSS, CLINTON 2,959,868
MOSSEY CREEK TECHNOLOGIES INC. 2,960,115
MOUAZEN, MOUHAMAD 2,956,868
MOUNIER, ANNE 2,957,358
MOUSAIUF, ARNON 2,960,370
MRAZ, PAUL 2,960,370
MU, HONG 2,959,812
MUDDASANI, PULLA REDDY 2,959,980
MUEGLITZ, CARSTEN 2,960,348
MUGURUMA, KEIKO 2,960,465
MUHLFEIT, MARKUS 2,958,912
MUIR, MALCOLM 2,960,393
MUNCHHOF, MICHAEL JOHN 2,960,271
MUNCHHOF, MICHAEL JOHN 2,960,273
MUNCHHOF, MICHAEL JOHN 2,960,274
MUNCHHOF, MICHAEL JOHN 2,960,275
MUNCHHOF, MICHAEL JOHN 2,960,277
MUNCHHOF, MICHAEL JOHN 2,960,280
MUNCHKIN, INC. 2,960,207
MURATA, AKIHIRO 2,959,570
MURPHY, JOHN 2,959,037
MURPHY, MEGHAN KATHLEEN 2,960,425
MURPHY, MEGHAN KATHLEEN 2,960,429
MUSER, THORSTEN 2,950,475
MUTIS, TUNA 2,960,494
MYRICK, LAUREN 2,959,547
NAAMAN, OFER 2,960,483
NACEY, TIMOTHY JAMES 2,956,434
NACHBAR, LESLIE S. 2,960,281
NAGRAVISION S.A. 2,958,843
NAKAMARU, HIROKI 2,960,110
NAKATA, NORIHITO 2,959,776
NAKAYAMA, RYUUJI 2,959,574
NANNAPANENI, VENKAIAH CHOWDARY 2,959,980
NARAHARI, SHARATH 2,959,044
NASDAQ, INC. 2,959,991
NASS, ANDERS 2,959,778
NASSE, BERND 2,954,460
NATCO PHARMA LIMITED 2,959,980
NATIONAL CANCER CENTER 2,960,466
NAUREX, INC. 2,953,170
NAYDICH, ALEXANDER 2,960,032
NAZZARO, MARTIN 2,960,278
NEALE, R. CHRISTOPHER 2,960,418
NEC CORPORATION 2,957,268
NEO, TECK KHIM 2,953,117
NEULIEB, ROBERT 2,959,725
NEUREITER, FRANZ JOSEF 2,956,403
NEW YORK AIR BRAKE LLC 2,960,131
NEW YORK AIR BRAKE, LLC 2,959,725
NEWLAND, JON W. 2,960,198
NEWMAN, MARY 2,960,392
NEWPACE LTD. 2,960,367
NG, MARTIN K. C. 2,960,408
NGUYEN, DENNIS P. 2,959,961
NGUYEN, PHONG 2,957,268
NGUYEN, THOAI 2,957,822
NIEMELA, MARKO 2,960,426
NIEMELA, MARKO 2,960,427
NIEZGODA, STEPHANIE MICHELLE 2,959,817

NIHON MEDI-PHYSICS CO., LTD 2,959,570
NIHON MEDI-PHYSICS CO., LTD. 2,959,776
NIJHOF, INGER S. 2,960,494
NISHIMURA, TAKUYA 2,960,003
NISSEN, STEEN SONDERGAARD 2,960,328
NITTA, DAN 2,960,364
NITTA, KAZUFUKU 2,960,364
NOKIA TECHNOLOGIES OY 2,960,426
NOKIA TECHNOLOGIES OY 2,960,427
NORDQUIST, JEFFREY S. 2,960,198
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,960,483
NORTHWESTERN UNIVERSITY 2,953,170
NOVA CHEMICALS CORPORATION 2,957,051
NOVARTIS AG 2,954,476
NOVARTIS AG 2,957,287
NOVELIS INC. 2,957,030
NOVIK, ERIC 2,960,080
NOVOZYMES A/S 2,950,491
NOVOZYMES A/S 2,952,147
NSK AMERICAS, INC. 2,955,183
NUCCI, MARIA CONCETTA 2,957,495
O'GORMAN, LARRY 2,960,300
O'SULLIVAN, DENIS 2,957,720
OBRECHT, THIERRY JEAN-JACQUES 2,956,887
OBUKI, MARIKO 2,960,007
OLHAVA, EDWARD JAMES 2,960,287
OLIVIER, PIERRE 2,960,123
OLSEN, JON 2,954,423
ONU, LLC 2,960,283
OPENTV, INC. 2,958,830
OPENTV, INC. 2,960,272
OREN TECHNOLOGIES, LLC 2,960,388
OREN, JOHN 2,960,388
OREN, JOSHUA 2,960,388
ORSAK, JAMES 2,960,304
ORTIZ, JOE ANTHONY 2,956,260
OSADA, YASUO 2,960,364
OSBORNE, ERIC 2,959,022
OSBORNE, ROSEMARIE 2,959,687
OSMALOV, DAVID 2,960,294
OSTROUKHOV, SERGEY 2,959,833
OTA, HIROYUKI 2,959,574
OTSUKA CHEMICAL CO., LTD. 2,959,845
OVENTROP GMBH & CO.KG 2,955,281
OWENS, JEFFERY RAY 2,959,940
OY ATLAS COPCO ROTEX AB 2,956,424
OZAKI, ATSUO 2,959,798
PADOVANI, ROBERTO 2,954,659
PANANDIKER, RAJAN KESHAV 2,957,294
PAR SYSTEMS, INC. 2,956,950
PARADISE, ANDREW 2,959,328
PAREKH, AMIT 2,960,080
PARK, JIHYUN 2,960,272
PARK, JOON SEOK 2,951,798
PARK, JOONYOUNG 2,960,272
PARREN, PAUL 2,952,758
PATEROMICHELAKIS, NIKOLAOS 2,956,744
PATERSON, DANIEL 2,959,530
PAUL, LUKAS 2,954,495
PECORA, ANDREW L. 2,960,012
PEDERSEN, SVEN 2,950,491
PEGA MEDICAL INC. 2,960,304
PEGG, ALBERT MURRAY 2,960,302
PELOSO, MATTHEW 2,959,626
PEMBROKE, PAUL WILLIAM 2,960,053
PENA HUESO, JOSE, ADRIAN 2,960,294
PENG, EN 2,959,967
PENTONY, MARTIN J. 2,960,128
PEPSICO, INC. 2,960,400
PERKINS, ANDREW 2,958,400
PERNG, JOHN 2,959,768
PETERS, BRENTON CHARLES 2,959,201
PETERSON, THOMAS 2,959,526
PETTER, RUSSELL C. 2,960,279
PETTIGREW, THOMAS L. 2,959,782
PFEIFER, MARKUS 2,954,461
PFEIFER, MARKUS 2,954,477
PFEIFFER, MATTHIAS 2,957,143
PFIEFER, KYLE ANDREW 2,954,931
PFLUG, JORG 2,956,989
PHARMIVA AB 2,959,717
PICCOLO, GABRIELE 2,956,866
PILATO, AURELIE ELEONORE 2,957,358
PILLI, RAMA KRISHNA 2,959,980
PINZONE, BASIL 2,957,592
PINZONE, BASIL F. 2,957,589
PINZONE, BASIL F. 2,957,590
PINZONE, JOSEPH 2,957,592
PINZONE, JOSEPH F. 2,957,589
PINZONE, JOSEPH F. 2,957,590
PISANI, LUCIA 2,954,589
PISANI, PATRIZIO 2,954,589
PISKLAK, THOMAS JASON 2,960,010
PIZZOCHERO, ALESSANDRO EGIDIO 2,960,306
PLAKSA, IGOR LEONIDOVICH 2,960,371
PLAMONDON, JEAN-SEBASTIEN 2,959,945
PLAMONDON, JEAN-SEBASTIEN 2,960,155
PLANCHER, JEAN-MARC 2,950,475
PLASTEX SA 2,960,099
PLUDWINSKI, ERIC 2,960,080
POLK, JOHN THOMAS, III 2,959,971
POLLINA, MICHAEL 2,960,294
POLLINA, MICHAEL 2,960,330
POLLOCK, JOHN G. 2,957,385
POLYPHOTONIX LIMITED 2,959,869
POOLE, MICHAEL STEPHEN 2,960,189
POOLE, MICHAEL STEPHEN 2,960,191
POOLE, MICHAEL STEPHEN 2,960,194
POOLE, MICHAEL STEPHEN 2,960,200
POPOVIC, MILOS R. 2,960,148
POSEL, CLAUDIA 2,951,992
POTENZIANO, JIM 2,951,933
POULIN, MICHAEL 2,960,123
POVINELLI, ANTHONY J. 2,957,214
POWERMIG AUTOMACAO E SOLDAGEM LTDA 2,959,969
PRABHU, ARVIND 2,959,770
PRATER, CURTIS S. 2,957,032
PRATER, CURTIS S. 2,957,033
PRATT, DEWAYNE EDWARD 2,960,137
PRAVESH, JAG 2,960,269
PRESTEL, SEBASTIEN JEAN LAURENT 2,956,882
PREUSCHEN, JUDITH 2,956,989
PROFROCK, DIMA 2,958,832
PROTZMAN, BRENT 2,957,405
PSIVIDA US, INC. 2,960,278
PULA, SUBBA RAO 2,959,980
PURDUE, LAURA 2,959,860
PUSTYLNIK, MICHAEL 2,960,299
PYORRE, JUSSI 2,960,431
QIN, LINLIN 2,959,812
QUALCOMM INCORPORATED 2,956,446
QUALCOMM INCORPORATED 2,959,549
QUALCOMM INCORPORATED 2,959,815
QUEEN'S UNIVERSITY AT KINGSTON 2,960,066
QUENTIN, PIERRE 2,959,103
QUIX, MAARTEN 2,956,874
RADOSEVIC, KATARINA 2,952,351
RADOSEVIC, KATARINA 2,953,451
RAMSAY, MICHAEL 2,956,314
RAMSAY, TRAVIS 2,960,134
RANGAN, VENKAT 2,959,549
RASQUINHA, NELSON 2,959,549
RAVI, JANAKI RAMA RAO 2,959,980
RAYES, FADY 2,960,304
RAYTHEON COMPANY 2,956,260
RAYTHEON COMPANY 2,957,244
RAZ, RONEN 2,960,370
REARICK, TODD 2,960,178
REARICK, TODD 2,960,189
REARICK, TODD 2,960,191
REARICK, TODD 2,960,194
RECKITT BENCKISER (BRANDS) LIMITED 2,956,989
REDA, TORSTEN 2,954,495
REDDY, SHRAVANTHI T. 2,959,805
REDL, ANDREAS 2,959,962
REDL, ANDREAS 2,959,964
REED, SUSAN M. 2,960,165
REEKMANS, STEVEN 2,956,314
REEVES, ERIC W. 2,957,030
REGNAULT, LAURENT 2,953,289
REHLAENDER, BRUCE 2,960,287
REID, JEFF T. 2,959,857
RENAUD, MATHIEU 2,957,358
RENAULT, BAPTISTE JEAN MARIE 2,956,887
REPP, TIMOTHY CORCORAN 2,959,748
RESEARCH DEVELOPMENT FOUNDATION 2,960,029
RETINI, MICHELE 2,952,287
RHEAUME, CATHERINE 2,954,504
RHIZEN PHARMACEUTICALS SA 2,951,370
RICHMOND, RICHARD D. 2,956,904
RICKETT, JAMES E. 2,959,769

RICKS, SEAN	2,960,182
RIDGWAY, DOUGLAS	2,959,861
RIDGWAY, DOUGLAS	2,959,868
RIEDER, WOLFGANG	2,957,298
RIGOBERT, CAROLINE	2,956,989
RIKEN	2,960,465
RIN INSTITUTE INC.	2,960,466
RINAT NEUROSCIENCE CORP.	2,956,991
RING, AARON MICHAEL	2,959,821
RIVIERE, ISABELLE	2,960,209
RIVIERI, LUCA	2,957,373
RIZVANOV, ALBERT ANATOLYEVICH	2,960,371
RMG - RIEDER MANAGEMENT GES.M.B.H.	2,957,298
ROBERTS, ANDREW F.	2,959,169
ROBERTS, ANDREW F.	2,959,528
ROBERTS, ANDREW F.	2,959,627
ROBIC, BERNARD	2,956,887
ROCHE, PATRICK C.	2,954,868
RODRIGUEZ ESCRICH, SERGIO	2,960,432
ROGERS, KARIN A.	2,960,198
ROHM AND HAAS COMPANY	2,959,858
ROMANI, ANTONELLO	2,951,372
ROOPREDDY, RAVINDAR	2,959,044
ROQUETTE FRERES	2,957,353
ROSALES, ALBA YESENIA	2,960,314
ROSEN, MATTHEW SCOT	2,960,178
ROSEN, MATTHEW SCOT	2,960,189
ROSEN, MATTHEW SCOT	2,960,200
ROSENBERG, JOHN	2,960,392
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG	2,956,403
ROSENWINKEL, DONALD ALFRED	2,960,201
ROSNER, DROR	2,960,370
ROSS, FRANCIS L., III	2,960,286
ROTHBERG, JONATHAN M.	2,960,178
ROTHBERG, JONATHAN M.	2,960,189
ROTHBERG, JONATHAN M.	2,960,191
ROTHBERG, JONATHAN M.	2,960,194
ROTHBERG, JONATHAN M.	2,960,200
ROY, PAVLINKA	2,956,989
ROYO EXPOSITO, MIRIAM	2,960,432
ROZMARYNOWSKI, SCOTT R.	2,956,301
RSEM, LIMITED PARTNERSHIP	2,960,054
RUSSELL, DAVID	2,955,983
RUSSELL, THOMAS A.	2,960,373
RYAN, SAUL ANTHONY	2,959,720
RYLANDER, RICHARD L.	2,958,859
RYLE, JORDAN WOLF	2,960,382
SAARELA, JUHA	2,959,970
SABBAG, YOSI	2,960,449
SACOLICK, LAURA	2,960,191
SADANA, ANIL K.	2,955,934
SADELAIN, MICHAEL	2,960,209
SADOWSKI, CRAIG	2,960,032
SAFDAR, ADEEL	2,960,161
SAFDAR, ADEEL	2,960,164
SAFRAN	2,957,358
SAFRAN AIRCRAFT ENGINES	2,956,882
SAFRAN AIRCRAFT ENGINES	2,956,887
SAFRAN LANDING SYSTEMS	2,957,358
SAHIN, UGUR	2,954,706
SAIJOU, SHINJI	2,960,466
SAKUMOTO, KOICHI	2,953,558
SALAFUTDINOV, ILNUR ILDUSOVICH	2,960,371
SALES, JAY WILLIAM	2,960,425
SALES, JAY WILLIAM	2,960,429
SALLA, RAJENDER	2,960,269
SALOMONS, STEPHEN	2,957,051
SALTER, WALLACE BRUCE	2,959,940
SAMSUNG ELECTRONICS CO., LTD.	2,960,479
SAMUEL, ROBELLO	2,959,807
SANDVIK INTELLECTUAL PROPERTY AB	2,956,582
SANDVIK INTELLECTUAL PROPERTY AB	2,956,583
SAPIEHA, PRZEMYSLAW	2,960,054
SARCODE BIOSCIENCE INC.	2,960,392
SAREEN, CHAITANYA DEV	2,959,667
SASAI, YOSHIKI (DECEASED)	2,960,465
SATIJN, DAVID	2,952,758
SAUER, JUDE, S.	2,959,990
SAUNDERS, LAURA	2,959,705
SAYYAE, MICHAEL S.	2,957,033
SCANU, JOHN	2,957,373
SCHEFFELIN, JOSEPH EDWARD	2,953,117
SCHIMMEL, THOMAS	2,957,330
SCHIRMER, ECKHARD	2,956,873
SCHLEGEL, BERNARD	2,957,295
SCHLUMBERGER CANADA LIMITED	2,959,769
SCHLUSSELBERGER JUN., RICHARD	2,956,111
SCHLUSSELBERGER, RAINER	2,956,111
SCHMIDT, MARTINA	2,952,288
SCHMITZ, RALF	2,960,348
SCHNELLER, STEWART W.	2,960,156
SCHORKHUBER, JAKOB	2,957,126
SCHRODER, JENS	2,952,307
SCHUL, ERAN	2,960,449
SCHULHAUSER, RANDAL C.	2,957,385
SCHULZE, VOLKER	2,952,307
SCHWARTZ, CARL ERIC	2,960,279
SCHWENKER, KAI-OLIVER	2,960,348
SCIENCE DEVELOPMENTS PTY LTD	2,960,053
SCUTT, JAMES NICHOLAS	2,948,977
SEARCH MINERALS INC.	2,959,876
SEARLE, GARY	2,960,286
SEELER, RENEE M.	2,960,198
SEITZ, BORIS	2,956,989
SESTI, SETTIMIO MICHAEL	2,960,283
SETO, JULIE	2,959,681
SHAH, VIRAL	2,959,628
SHALOM, GABRIEL	2,960,320
SHAPIRO, COLIN	2,959,792
SHAPIRO, RICHARD	2,959,169
SHAPIRO, RICHARD	2,959,389
SHAPIRO, RICHARD	2,959,392
SHAPIRO, RICHARD	2,959,527
SHAPIRO, RICHARD	2,959,534
SHAPIRO, RICHARD	2,959,627
SHARKLET TECHNOLOGIES, INC.	2,959,805
SHARMA, SANJEEV	2,960,319
SHARP KABUSHIKI KAISHA	2,960,118
SHEE, CHANDAN	2,959,992
SHELTON, DAVID	2,956,991
SHEN, CHE-KUN JAMES	2,959,522
SHERMAN, GARY	2,959,037
SHI, YING	2,959,987
SHIH, DAVID TIN HO	2,959,623
SHITRIT, ELAD	2,960,449
SHOLEV, MORDEHAI	2,960,370
SHORT, JAY M.	2,959,786
SHROFF RAMA, MALLIKARJUNA	2,960,269
SHYU, YU-CHIAU	2,959,522
SICHUAN HAISCO PHARMACEUTICAL CO., LTD.	2,959,812
SICOT, LIONEL	2,955,912
SICOT, LIONEL	2,956,369
SIEMEISTER, GERHARD	2,952,307
SIEMENS AKTIENGESELLSCHAFT	2,954,461
SIEMENS AKTIENGESELLSCHAFT	2,954,477
SIEMENS CANADA LIMITED	2,960,299
SIEMENS HEALTHCARE DIAGNOSTICS INC.	2,959,768
SIEPPI, VESA	2,959,970
SIEV, VIRAK	2,959,945
SIEV, VIRAK	2,960,155
SIEWERT, ERWAN	2,953,731
SIFFERT, JOAO	2,960,031
SILATRONIX, INC.	2,960,294
SILATRONIX, INC.	2,960,330
SIMARD-BILODEAU, VINCENT	2,960,123
SIMO, FIDJI NAHEMA	2,959,623
SIMPSON, KATHERINE MOSS	2,959,940
SINGH, BHUPINDER	2,959,965
SINGH, BRIJENDRA	2,960,319
SINGHOSE, WILLIAM	2,956,950
SIROIS, SEBASTIEN	2,953,289
SIVIK, MARK ROBERT	2,957,294
SIWINSKI, SHANE	2,960,286
SKILLZ INC.	2,959,328
SKOGERSON, LAWRENCE	2,954,220
SKYTRAN INC.	2,959,806
SKYTRAN INC.	2,960,204
SNELL, THOMAS	2,959,869
SOFTBANK ROBOTICS EUROPE	2,956,744
SOLDAU, THOMAS F.	2,956,895
SONNENSCHEIN, HELMUT	2,952,307
SONY CORPORATION	2,953,558
SOONG, CHEE-LEONG	2,952,147
SORENSEN, KHALID LIEF	2,956,950
SPAH, JURGEN	2,956,008

SPRING BIOSCIENCE CORPORATION 2,954,868
SPUDIC, VEDRANA 2,955,908
SQUARE, INC. 2,959,547
SRIDHARAN, MURARI 2,959,675
STAFFORD, JEFFREY ALAN 2,960,188
STAIR, TODD ANTHONY 2,960,009
STAMATOYANNOPOULOS, GEORGE 2,960,209
STAMATOYANNOPOULOS, JOHN 2,960,209
STANDARD, SHAWN 2,960,304
STANFILL, CRAIG W. 2,959,169
STANFILL, CRAIG W. 2,959,389
STANFILL, CRAIG W. 2,959,392
STANFILL, CRAIG W. 2,959,527
STANFILL, CRAIG W. 2,959,528
STANFILL, CRAIG W. 2,959,534
STANFILL, CRAIG W. 2,959,627
STANLEY FILTER CO., LLC 2,945,826
STANLEY, ANTHONY G. 2,959,813
STANTON, PATRIC 2,953,170
STAVROU, EVAN 2,959,681
STEEN, MATTHEW DAVID 2,960,425
STEEN, MATTHEW DAVID 2,960,429
STEINER, JAMES P. 2,957,137
STEINER, WILLIAM 2,960,165
STEVENSON, TYLER S. 2,957,385
STICHTING KATHOLIEKE UNIVERSITEIT 2,952,289
STINSON, JESSE 2,954,220
STOLL, THEODOR 2,950,475
STOOP, KOEN 2,957,306
STOUT, PHILIP ALEXANDER 2,959,242
STROMMER, GERA 2,960,367
STRYKER CORPORATION 2,957,053
STRYKER CORPORATION 2,957,281
STRYKER EUROPEAN HOLDINGS I, LLC 2,957,720
SU, FEI 2,959,665
SU, YANG 2,960,282
SUGIHARA, REIKO 2,960,110
SUH, K., STEPHEN 2,960,012
SULFATEQ B.V. 2,952,288
SUMITOMO CHEMICAL COMPANY, LIMITED 2,960,465
SUN ELECTRIC PTE LTD 2,959,626
SUN, ZHIYONG 2,959,860
SUNAGA, SYUICHI 2,960,005
SUNDARAM, JAISANKAR 2,959,530
SUNSTONE TECHNOLOGIES, LLC 2,959,782
SUZUKI, TAKASHI 2,960,215
SWEETING, MIKE 2,959,541
SWISS KRONO TEC AG 2,957,138
SYACT, LLP 2,959,981
SYMBOL TECHNOLOGIES, LLC 2,959,146
SYNGENTA PARTICIPATIONS AG 2,948,977
SYRAL BELGIUM NV 2,959,962
SYRAL BELGIUM NV 2,959,964
SYSTEM OF SYSTEMS ANALYTICS, INC. 2,960,193
SZCZESNIAK, MICHAL 2,960,138
TABER, CHRISTIAN R. 2,954,423
TACKE, ULRICH 2,955,983
TAKAMATSU, RIE 2,960,007
TAKIKAWA, RIMIKO 2,960,007
TALBOT, COREY 2,960,173
TAMIR, AYALA 2,960,012
TANAKA, TAKUMI 2,960,110
TANG, WEIMING 2,960,378
TARNOPOLSKY, MARK 2,960,161
TARNOPOLSKY, MARK 2,960,164
TAYLOR, MICHAEL JAMES 2,959,628
TE CONNECTIVITY CORPORATION 2,956,213
TEDFORD, CLARK E. 2,960,016
TEIJIN LIMITED 2,960,129
TEMBE, NICHOLAS GEORGE 2,957,049
TEMPEL, RENE 2,952,307
TERZI, DAVIDE 2,954,659
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,959,821
THE LUBRIZOL CORPORATION 2,957,073
THE PROCTER & GAMBLE COMPANY 2,953,117
THE PROCTER & GAMBLE COMPANY 2,957,294
THE PROCTER & GAMBLE COMPANY 2,959,687
THE PROCTER & GAMBLE COMPANY 2,959,817
THE PROCTER & GAMBLE COMPANY 2,959,875
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,959,378
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,959,753
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,959,978
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,960,268
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,960,282
THE STANLEY WORKS ISRAEL LTD. 2,960,449
THE UNIVERSITY OF QUEENSLAND 2,959,201
THE UNIVERSITY OF TOKYO 2,959,957
THERANOS, INC. 2,959,992
THERMODYNAMIC DESIGN, LLC 2,959,770
THOMAS, JOHN CHRISTOPHER 2,956,929
THOMMES, JAN 2,958,832
THOMSEN, MIKAEL S. 2,950,469
THOOTA, SANDEEP KUMAR 2,959,980
THURAILINGAM, THIVAHARAN 2,960,300
TOHOKU UNIVERSITY 2,959,957
TOLEDO, GERARDO V. 2,960,032
TOMOZAWA, SATOSHI 2,960,364
TONG, LING 2,959,875
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